

## Human S-Phase Kinase-Associated Protein 1 (SKP1) ELISA Kit | SKP1 elisa kit

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CATALOG #  
**AAA330857**

REACTIVITY  
**Human**

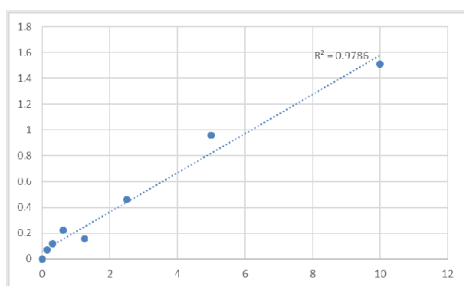
### PRODUCT SYNONYMS

S-Phase Kinase-Associated Protein 1 (SKP1); Human S-Phase Kinase-Associated Protein 1 (SKP1) ELISA Kit; SKP1; EMC19; MGC34403; OCP-II; OCP2; SKP1A; TCEB1L; p19A; RNA polymerase elongation factor-like protein OCP2; cyclin A/CDK2-associated p19; organ of Corti protein 2; transcription elongation factor B (SII; SKP1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human S-phase kinase-associated protein 1 (SKP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SKP1. No significant cross-reactivity or interference between Human SKP1 and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence Length         | 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



**Standard Curve (Sample)**

Fig.1. Human S-phase kinase-associated protein 1 (SKP1) Standard Curve.

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SKP1 elisa kit | <p>Description: This Human S-phase kinase-associated protein 1 (SKP1) ELISA Kit employs a two-site sandwich ELISA to quantitate SKP1 in samples. An antibody specific for SKP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SKP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SKP1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SKP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: S-phase kinase-associated protein 1 is a member of the SCF ubiquitin ligase protein complex. It binds to proteins containing an F-box motif, such as cyclin F, S-phase kinase-associated protein 2, and other regulatory proteins involved in ubiquitin dependent proteolysis. The encoded protein also collaborates with a network of proteins to control beta-catenin levels and affects the activity level of beta-catenin dependent TCF transcription factors. Studies have also characterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene results in two transcript variants. A related pseudogene has been identified on chromosome 7.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 25777711                                      |
| NCBI GeneID                      | 6500                                          |
| NCBI Accession #                 | NP_008861.2                                   |
| NCBI GenBank Nucleotide #        | NP_008861.2                                   |
| UniProt Accession #              | P63208                                        |
| NCBI Official Full Name          | S-phase kinase-associated protein 1 isoform a |
| NCBI Official Synonym Full Names | S-phase kinase associated protein 1           |
| NCBI Official Symbol             | SKP1                                          |
| NCBI Official Synonym Symbols    | OCP2; p19A; EMC19; SKP1A; OCP-II; TCEB1L      |
| NCBI Protein Information         | S-phase kinase-associated protein 1           |
| UniProt Protein Name             | S-phase kinase-associated protein 1           |
| UniProt Gene Name                | SKP1                                          |
| UniProt Synonym Gene Names       | EMC19; OCP2; SKP1A; TCEB1L; OCP-2; OCP-II     |
| UniProt Entry Name               | SKP1_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.