

Human Sestrin-2 (SESN2) ELISA Kit | SESN2 elisa kit

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CATALOG #
AAA330896

REACTIVITY
Human

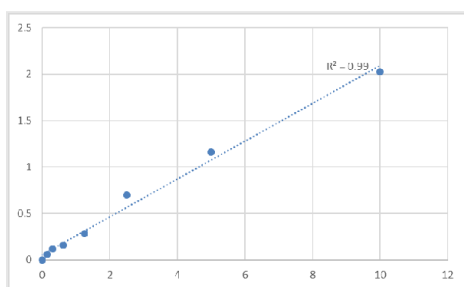
PRODUCT SYNONYMS

Sestrin-2 (SESN2); Human Sestrin-2 (SESN2) ELISA Kit; SESN2; DKFZp761M0212; DKFZp761M02121; HI95; SES2; SEST2; hypoxia induced gene 95; SESN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sestrin-2 (SESN2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SESN2. No significant cross-reactivity or interference between Human SESN2 and analogues was observed.
Sequence Length	499
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Sestrin-2 (SESN2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SESN2 elisa kit	Description: This Human Sestrin-2 (SESN2) ELISA Kit employs a two-site sandwich ELISA to quantitate SESN2 in samples. An antibody specific for SESN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SESN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SESN2 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 SESN2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Sestrin-2 is a member of the sestrin family of PA26-related proteins. The encoded protein may function in the regulation of cell growth and survival. This protein may be involved in cellular response to different stress conditions. The full-length SEST2 cDNA encodes a deduced 480-amino acid protein predicted to be a compact globular domain protein composed predominantly of alpha-helical structures. SEST2 has several potential serine-threonine and tyrosine phosphorylation sites, most of them located within the alpha helices. Northern blot analysis revealed a 3.9-kb transcript expressed at low to moderate levels in most tissues examined. In vitro translation of the cDNA resulted in a protein with an apparent molecular mass of about 60 kD.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66792736
NCBI GeneID	509863
NCBI Accession #	NP_001019678.1
NCBI GenBank Nucleotide #	NP_001019678.1
UniProt Accession #	Q58CN8
NCBI Official Full Name	sestrin-2
NCBI Official Synonym Full Names	sestrin 2
NCBI Official Symbol	SESN2
NCBI Protein Information	sestrin-2
UniProt Protein Name	Sestrin-2
UniProt Gene Name	SESN2

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/sestrin-2-sesn2/330896>