

## E1A Binding Protein P300 Recombinant Protein | EP300 recombinant protein

Recombinant E1A Binding Protein P300 (EP300)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA145387</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

E1A Binding Protein P300; Recombinant E1A Binding Protein P300 (EP300); KAT3B; p300; Histone Acetyltransferase p300; EP300 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification                                   | > 80%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration                                         | Original Concentration: 200 ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence                                              | MAENVVEPGP PSAKRPKLSS PALSASASDG TDFGSLFDLE HDLPDELINS TELGLTNGGD ISQLQTSLGI<br>VQDAASKHKQ LSELLRSGSS PNLNMGVGGP GQVMASQAQQ NSPGLSLINS MVKSPMAQTG LTSPNMGMGMS<br>SGPNQGPTQS TAGMMNSP                                                                                                                                                                                                                                                                                                 |
| Sequence Length                                       | 2414                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for EP300 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Organism Species                                      | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source                                                | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Residues                                              | Met1~Pro158                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Tags                                                  | N-terminal His and GST Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Subcellular Location                                  | Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Traits                                                | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer                                                | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Predicted isoelectric point                           | 4.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Predicted Molecular Mass                              | 46.0kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Accurate Molecular Mass                               | 46kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Usage                                                 | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage                               | Storage: Avoid repeated freeze/thaw cycles.<br>Store at 2-8°C for one month.<br>Aliquot and store at -80°C for 12 months.<br><br>Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 119580812                      |
| NCBI GeneID                      | 2033                           |
| NCBI Official Full Name          | E1A binding protein p300       |
| NCBI Official Synonym Full Names | E1A binding protein p300       |
| NCBI Official Symbol             | EP300                          |
| NCBI Official Synonym Symbols    | p300; KAT3B; RSTS2             |
| NCBI Protein Information         | histone acetyltransferase p300 |
| UniProt Protein Name             | Histone acetyltransferase p300 |
| UniProt Gene Name                | EP300                          |
| UniProt Synonym Gene Names       | P300; p300 HAT                 |
| UniProt Entry Name               | EP300_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.

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Online datasheet: <https://stage.aaabiotech.com/ep300-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145387>