

Recombinant Human AP3S1 Protein, His-tagged

Cat. No. AP3S1-191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP3S1 Protein (Met1-Lys193) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys193
Description	This gene encodes a subunit of the AP3 adaptor complex. This complex functions in the formation of subcellular vesicles budded from the Golgi body. Several related pseudogenes of this gene have been found. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.4 kDa Accurate Molecular Mass: 25 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

AP3S1 adaptor-related protein complex 3, sigma 1 subunit [Homo sapiens (human)]

Official Symbol

AP3S1

Synonyms

AP3S1; adaptor-related protein complex 3, sigma 1 subunit; CLAPS3; AP-3 complex subunit sigma-1; sigma3A-adaptin; sigma-3A-adaptin; sigma-adaptin 3a; AP-3 complex sigma-3A subunit; AP-3 complex subunit sigma-3A; adapter-related protein complex 3 sigma-1 subunit; clathrin-associated/assembly/adaptor protein, small 3; clathrin-associated/assembly/adaptor protein, small 3 (22kD); Sigma3A

Gene ID

1176

mRNA Refseq

NM_001284

Protein Refseq

NP_001275

MIM

601507

UniProt ID

Q92572

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