

Recombinant Human AP2S1 Protein, His-tagged

Cat. No. AP2S1-187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP2S1 Protein (Met1-Glu142) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-142 aa
Description	One of two major clathrin-associated adaptor complexes, AP-2, is a heterotetramer which is associated with the plasma membrane. This complex is composed of two large chains, a medium chain, and a small chain. This gene encodes the small chain of this complex. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.7 kDa Accurate Molecular Mass: 18 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

AP2S1 adaptor-related protein complex 2, sigma 1 subunit [Homo sapiens (human)]

Official Symbol

AP2S1

Synonyms

AP2S1; adaptor-related protein complex 2, sigma 1 subunit; CLAPS2; AP-2 complex subunit sigma; sigma2-adaptin; HA2 17 kDa subunit; clathrin coat assembly protein AP17; clathrin coat-associated protein AP17; clathrin assembly protein 2 small chain; adaptor protein complex AP-2 subunit sigma; plasma membrane adaptor AP-2 17 kDa protein; adapter-related protein complex 2 sigma subunit; clathrin-associated/assembly/adaptor protein, small 2 (17kD); AP17; AP17-DELTA

Gene ID

1175

mRNA Refseq

NM_004069

Protein Refseq

NP_004060

MIM

602242

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