

Recombinant Full Length Human AP2S1 Protein, Flag tagged

Cat. No. AP2S1-90HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human adaptor-related protein complex 2, sigma 1 subunit (AP2S1), transcript variant AP17 with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
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	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	16.8 kDa
AASequence	MIRFILIQNRAGKTRLAKWYMQFDDDEKQKLIIEEVHAVVTVRDAKHTNFVEFRNFKII YRRYAGLYFCICVDVNDNNLAYLEAIHNFVEVLNEYFHNVCELDLVFNFKVYTVVDE MFLAGEIRETSQTKVLKQLMLQSLETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may

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experience some loss of protein during the filtration process.

Storage

Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration

>0.05 µg/µL as determined by microplate BCA method

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

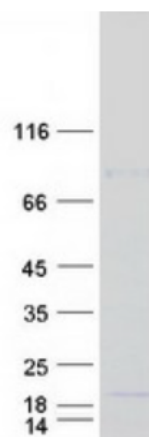
UniProt ID

P53680

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SDS-PAGE

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