Recombinant Human AP2S1, His-tagged

Cat. No. AP2S1-3537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AP-2 complex subunit sigma (AP2S1)
Species	Human
Source	E.Coli/Yeast
ProteinLength	142
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 has been observed in this gene and results in two known transcripts.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of AP2S1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

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Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	AP2S1 adaptor-related protein complex 2, sigma 1 subunit [Homo sapiens]
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
Chromosome Location	19q13.2-q13.3

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Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Disease, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-spe
Function	protein transporter activity; transporter activity;

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