

Recombinant Human AP4S1 Protein, His-tagged

Cat. No. AP4S1-328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP4S1, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the adaptor complexes small subunit protein family. These proteins are components of the heterotetrameric adaptor protein complexes, which play important roles in the secretory and endocytic pathways by mediating vesicle formation and sorting of integral membrane proteins. The encoded protein is the small subunit of adaptor protein complex-4, which is associated with both clathrin- and nonclathrin-coated vesicles. Mutations in this gene are associated with spastic quadriplegic cerebral palsy-6. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 6.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	18.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	AP4S1 adaptor-related protein complex 4, sigma 1 subunit [Homo sapiens]
Official Symbol	AP4S1
Synonyms	AP47B; CLA20; CPSQ6; SPG52; CLAPS4; AP4S1;
Gene ID	11154
mRNA Refseq	NM_001128126.2
Protein Refseq	NP_001121598.1
MIM	607243
UniProt ID	Q9Y587

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