

Recombinant Full Length Human AP1S2 Protein, GST-tagged

Cat. No. AP1S2-1073HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP1S2 full-length ORF (AAH01117, 1 a.a. - 157 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	157 amino acids
Description	<p>Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as the small subunit of this complex and is a member of the adaptin protein family. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2013]</p>
Molecular Mass	43.01 kDa
AA Sequence	<p>MQFMLLFSRQ GKLRLQKWYV PLSDKKKEKKI TRELVQTVLA RPKMKCSFLE WRDLKIVYKR YASLYFCCAI EDQDNELITL EIIHRYVELL DKYFGSVCEL DIIFNFEKAY FILDEFLLGG EVQETSKKNV LKAIEQADLL QEEAETPRSV LEEIGLT</p>
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [AP1S2 adaptor-related protein complex 1, sigma 2 subunit \[Homo sapiens \]](#)

Official Symbol [AP1S2](#)

Synonyms

AP1S2; adaptor-related protein complex 1, sigma 2 subunit; mental retardation, X linked 59 , MRX59; AP-1 complex subunit sigma-2; SIGMA1B; sigma1B-adaptin; sigma-adaptin 1B; sigma 1B subunit of AP-1 clathrin; adaptor protein complex AP-1 sigma-1B subunit; clathrin adaptor complex AP1 sigma 1B subunit; golgi adaptor HA1/AP1 adaptin sigma 1B subunit; golgi adaptor HA1/AP1 adaptin sigma-1B subunit; adapter-related protein complex 1 sigma-1B subunit; clathrin assembly protein complex 1 sigma-1B small chain; DC22; MRX59; MRXSF; MRXS21; MGC:1902

Gene ID [8905](#)

mRNA Refseq [NM_003916](#)

Protein Refseq [NP_003907](#)

MIM [300629](#)

UniProt ID [P56377](#)

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