

Recombinant Full Length Human AP1S1 Protein

Cat. No. AP1S1-24HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human AP1S1 isoform 2 with a N terminal proprietary tag; Predicted MWt 40.74 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	133 amino acids
Description	The protein encoded by this gene is part of the clathrin coat assembly complex which links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. This protein, as well as beta-prime-adaptin, gamma-adaptin, and the medium (mu) chain AP47, form the AP-1 assembly protein complex located at the Golgi vesicle.
Form	Liquid
Molecular Mass	40.740kDa inclusive of tags
AA Sequence	MMRFMLLFSR QGKLRLRKWY LATSDKERKK MVRELMQVVL ARKPKMCSFL EWRDLKVVYK RYASLYFCCA IEGQDNELIT LELIHRYVEL LDKYFGSVCE LDIIFNFEKA YFILDEFLMG GDVQDTSTFP FSH
Purity	Proprietary Purification

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Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name [AP1S1 adaptor-related protein complex 1, sigma 1 subunit \[Homo sapiens \]](#)

Official Symbol [AP1S1](#)

Synonyms AP1S1; adaptor-related protein complex 1, sigma 1 subunit; CLAPS1; AP-1 complex subunit sigma-1A; AP 1 complex subunit sigma 1A; AP19; clathrin assembly protein complex 1 sigma 1A small chain; clathrin coat assembly protein AP19; clathrin associated/assem

Gene ID [1174](#)

mRNA Refseq [NM_001283](#)

Protein Refseq [NP_001274](#)

MIM [603531](#)

UniProt ID [P61966](#)

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