

Recombinant Human AP3S2, T7-tagged

Cat. No. AP3S2-71H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human adaptor-related protein complex 3, sigma 2 subunit produced in <i>E.coli</i> is a non-glycosylated, polypeptide chain containing amino acids (1-193) and having a total molecular mass of 22.2 kDa. rhAP3S2 contains T7 tag at N-terminus and is purified by proprietary chromatographic techniques.
Species	Human
Source	E.coli
Protein Length	1-193 a.a.
Description	Part of the AP-3 complex, an adapter-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes.
Physical Appearance	Sterile Filtered clear solution.
Purity	Greater than 95.0% as determined by the analysis by reducing and non-reducing SDS-PAGE coomassie blue staining.
Formulation	Recombinant Human AP2M1 at a concentration of 0.1mg/ml containing 10 mM Tris, pH 8.0, 0.01% Triton X-100 and 0.002% NaN ₃ and 10mM DTT.
Applications	• ELISA • MS • Western Blotting.

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Storage

RhAP3S2 although stable at 14°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

GENE INFORMATION
Gene Name

AP3S2 adaptor-related protein complex 3, sigma 2 subunit [Homo sapiens]

Synonyms

AP3S2; adaptor-related protein complex 3, sigma 2 subunit; AP3S3; sigma3b; FLJ35955; AP-3 complex subunit sigma-2; Adapter-related protein complex 3 sigma-2 subunit; AP-3 complex sigma-3B subunit; Sigma-adaptin 3b; Sigma3B-adaptin; clathrin-associated/assembly/adaptor protein, small 4, 22-kD; adaptor complex sigma3B

Gene ID

10239

mRNA Refseq

NM_005829

Protein Refseq

NP_005820

MIM

602416

UniProt ID

P59780

Chromosome Location

15q26.1

Pathway

Lysosome

Function

protein binding; protein transporter activity

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