

Product datasheet for TP301104M

OriGene Technologies, Inc.

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AP3S2 (NM 005829) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human adaptor-related protein complex 3, sigma 2 subunit (AP3S2),

100 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC201104 protein sequence

or AA Sequence: Red=Cloning site Green=Tags(s)

MIQAILVFNNHGKPRLVRFYQRFPEEIQQQIVRETFHLVLKRDDNICNFLEGGSLIGGSDYKLIYRHYAT LYFVFCVDSSESELGILDLIQVFVETLDKCFENVCELDLIFHMDKVHYILQEVVMGGMVLETNMNEIVAQ

IEAQNRLEKSEGGLSAAPARAVSAVKNINLPEIPRNINIGDLNIKVPNLSQFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.8 kDa

Concentration: $>0.05 \mu g/\mu L$ as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 005820

Locus ID: 10239

UniProt ID: P59780, A0A024RC62





RefSeq Size: 5934

Cytogenetics: 15q26.1 RefSeq ORF: 579

Synonyms: AP3S3; sigma3b

Summary: Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The

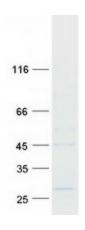
> complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. In concert with the BLOC-1 complex, AP-3 is required to target cargos into

vesicles assembled at cell bodies for delivery into neurites and nerve terminals.

[UniProtKB/Swiss-Prot Function]

Protein Pathways: Lysosome

Product images:



Coomassie blue staining of purified AP3S2 protein (Cat# [TP301104]). The protein was produced from HEK293T cells transfected with AP3S2 cDNA clone (Cat# [RC201104]) using

MegaTran 2.0 (Cat# [TT210002]).