

Product datasheet for PH301104

AP3S2 (NM_005829) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards **Description:** AP3S2 MS Standard C13 and N15-labeled recombinant protein (NP_005820) Species: Human **HEK293 Expression Host:** RC201104 **Expression cDNA Clone** or AA Sequence: Predicted MW: 22 kDa >RC201104 protein sequence **Protein Sequence:** Red=Cloning site Green=Tags(s) MIQAILVFNNHGKPRLVRFYQRFPEEIQQQIVRETFHLVLKRDDNICNFLEGGSLIGGSDYKLIYRHYAT LYFVFCVDSSESELGILDLIQVFVETLDKCFENVCELDLIFHMDKVHYILQEVVMGGMVLETNMNEIVAQ IEAQNRLEKSEGGLSAAPARAVSAVKNINLPEIPRNINIGDLNIKVPNLSQFV TRTRPLEQKLISEEDLAANDILDYKDDDDKV Tag: C-Myc/DDK **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Concentration:** >0.05 µg/µL as determined by microplate BCA method Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine **Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3 Store at -80°C. Avoid repeated freeze-thaw cycles. Storage: Stability: Stable for 3 months from receipt of products under proper storage and handling conditions. RefSeq: NP 005820 **RefSeq Size:** 5934 **RefSeq ORF:** 579 Synonyms: AP3S3; sigma3b Locus ID: 10239 UniProt ID: P59780, A0A024RC62



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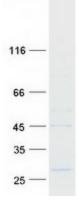
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Cytogenetics:	15q26.1
Summary:	Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from 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 Pathway	rs: 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]).

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