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Product datasheet for PH302919

AP2S1 (NM_004069) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AP2S1 MS Standard C13 and N15-labeled recombinant protein (NP_004060)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202919
Predicted MW:	17 kDa
Protein Sequence:	>RC202919 protein sequence Red=Cloning site Green=Tags(s) MIRFILIQNRAGKTRLAKWYMQFDDDEKQKLIEEVHAVVTVRDAKHTNFVEFRNFKIIYRRYAGLYFCIC VDVNDNNLAYLEAIHNFVEVLNEYFHNVCELDLVFNFYKVYTVVDEMFLAGEIRETSQTKVLKQLLMLQS LE 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
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004060
RefSeq Size:	965
RefSeq ORF:	426
Synonyms:	AP17; CLAPS2; FBH3; FBHOk; HHC3
Locus ID:	1175
UniProt ID:	P53680

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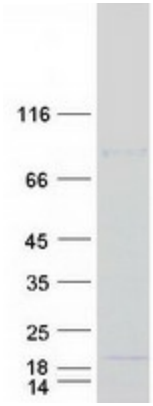
Cytogenetics: 19q13.32

Summary: One of two major clathrin-associated adaptor complexes, AP-2, is a heterotetramer which is associated with the plasma membrane. This complex is composed of two large chains, a medium chain, and a small chain. This gene encodes the small chain of this complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Protein Pathways: Endocytosis, Huntington's disease

Product images:



Coomassie blue staining of purified AP2S1 protein (Cat# [TP302919]). The protein was produced from HEK293T cells transfected with AP2S1 cDNA clone (Cat# [RC202919]) using MegaTran 2.0 (Cat# [TT210002]).