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Product datasheet for TP302919M

AP2S1 (NM_004069) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human adaptor-related protein complex 2, sigma 1 subunit (AP2S1), transcript variant AP17, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202919 protein sequence Red=Cloning site Green=Tags(s) MIRFILIQNRAGKTRLAKWYMQFDDDEKQKLIEEVHAVVTVRDAKHTNFVEFRNFKIIYRRYAGLYFCIC VDVNDNNLAYLEAIHNFVEVLNEYFHNVCELDLVFNFYKVYTVVDEMFLAGEIRETSQTKVLKQLLMLQS LE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	16.8 kDa
Concentration:	>0.05 µg/µL 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_004060
Locus ID:	1175
UniProt ID:	P53680

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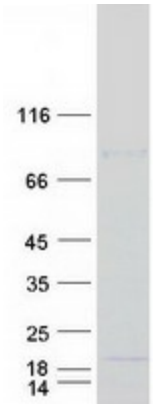
RefSeq Size:	965
Cytogenetics:	19q13.32
RefSeq ORF:	426
Synonyms:	AP17; CLAPS2; FBH3; FBHOk; HHC3
Summary:	One of two major clathrin-associated adaptor complexes, AP-2, is a heterotetramer which is associated with the plasma membrane. This complex is composed of two large chains, a medium chain, and 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]).