

Product datasheet for **TP317521M**

C1orf80 (AIDA) (NM_022831) Human Recombinant Protein

Product data:

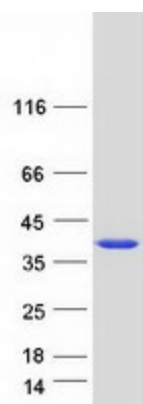
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human axin interactor, dorsalization associated (AIDA), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217521 protein sequence Red =Cloning site Green =Tags(s)
	 MSEVTRSLLRWGASFRRGADFDSWGQLVEAIDEYQILARHLQKEAQAQHNNSEFTEEQKKTIGKIATCL ELRSAALQSTQSQEEFKLEDLKKLEPILKNILTYNKEFPFDVQPVPLRRILAPGEEENLEFEEDDEEGGA GAGSPDSFPARVPGTLLPRLPSEPGMTLLTIRIEKIGLKDAGQCIDPYITVSVKDLNGIDLTPVQDTPVA SRKEDTYVHFNVDELQKHVEKLTGAAIFFEFKHYKPKKRFTSTKCFAMMEMDEIKPGPIVELYKKPT DFKRKKLQLLTKKPLYLHLHQTLHKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	34.8 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:	<u>NP_073742</u>
Locus ID:	64853



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UniProt ID:	<u>Q96BJ3</u>
RefSeq Size:	3020
Cytogenetics:	1q41
RefSeq ORF:	918
Synonyms:	C1orf80
Summary:	Acts as a ventralizing factor during embryogenesis. Inhibits axin-mediated JNK activation by binding axin and disrupting axin homodimerization. This in turn antagonizes a Wnt/beta-catenin-independent dorsalization pathway activated by AXIN/JNK-signaling (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified AIDA protein (Cat# [TP317521]). The protein was produced from HEK293T cells transfected with AIDA cDNA clone (Cat# [RC217521]) using MegaTran 2.0 (Cat# [TT210002]).