

Product datasheet for PH317521

C1orf80 (AIDA) (NM_022831) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AIDA MS Standard C13 and N15-labeled recombinant protein (NP_073742)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217521
Predicted MW:	35 kDa
Protein Sequence:	>RC217521 protein sequence Red=Cloning site Green=Tags(s) MSEVTRSL LQRWGASFRRGADFDSWGQLVEAIDEYQILARHLQKEAQAQHNNSEFTEEQKKTIGKIATCL ELRSAALQSTQSQEEFKLEDLKKLEPILKNILTYNKEFPFDVQPVPLRRILAPGEEENLEFEDEEEGGA GAGSPDSFPARVPGTLLPRLPSEPGMTLLTIRIEKIGLKDAGQCIDPYITVSVKDLNGIDLTPVQDTPVA SRKEDTYVHFNVDIELQKHVEKLTGAAIFFEFKHYKPKKRFTSTKCFAFMEMDEIKPGPIVIELYKKPT DFKRKKLQLLTKKPLYLHLHQLHKE 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:	<u>NP_073742</u>
RefSeq Size:	3020
RefSeq ORF:	918
Synonyms:	C1orf80
Locus ID:	64853



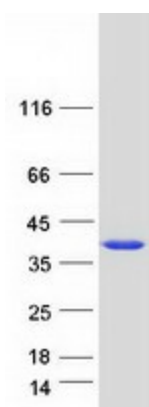
[View online »](#)

UniProt ID: [Q96BJ3](#)

Cytogenetics: 1q41

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]).