

Recombinant Human AIDA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AIDA-841H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AIDA MS Standard C13 and N15-labeled recombinant protein (NP_073742) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	35 kDa
AA Sequence	MSEVTRSLQLRWGASFRRGADFDSWGQLVEAIDEYQILARHLQKEAQAQHNNSEF TEEQKKTIGKIATCLELRSALQSTQSQEEFKLEDLKKLEPILKNILTYNKEFPFDVQP VPLRRILAPGEEENLEFEEDEEEGGAGAGSPDSFPARVPGTLLPRLPSEPGMTLLTI RIEKIGLKDAGQCIDPYITVSVKDLNGIDLTPVQDTPVASRKEDTYVHFNVDELQKHV EKLTGGAIFFEFKHYKPKKRFTSTKCFAMMEMDEIKPGPIVIELYKKPTDFKRKKLQL LTKKPLYLHLHQTLHKETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name AIDA axin interactor, dorsalization associated [Homo sapiens (human)]

Official Symbol AIDA

Synonyms AIDA; axin interactor, dorsalization associated; C1orf80, chromosome 1 open reading frame 80; axin interactor, dorsalization-associated protein; axin interaction partner and dorsalization antagonist; FLJ12806; C1orf80; FLJ32421; RP11-378J18.7;

Gene ID 64853

mRNA Refseq NM_022831

Protein Refseq NP_073742

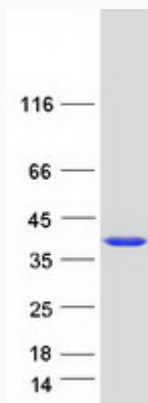
MIM 612375

UniProt ID Q96BJ3

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SDS-PAGE

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