

Recombinant Human AIDA protein, His-tagged

Cat. No. AIDA-7533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AIDA protein(1-306 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-306 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MSEVTRSLQRWGASFRRGADFDSWGQLVEAIDEYQILARHLQKEAQAQHNNSEF TEEQKKTIGKIATCLELRSALQSTQSQEEFKLEDLKKLEPILKNILTYNKEFPFDVQP VPLRRILAPGEEENLEFEEDEEEGGAGAGSPDSFPARVPGTLLPRLPSEPGMTLLTI RIEKIGLKDAGQCIDPYITVSVKDLNGIDLTPVQDTPVASRKEDTYVHFNVDELQKHV EKLTKGAAIFFEFKHYKPKKRFTSTKCFAMMEMDEIKPGPIVIELYKKPTDFKRKKLQL LTKKPLYLHLHQTLHKE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

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

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](#)

SDS-PAGE

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