

## Product datasheet for **AR50801PU-N**

### AIDA (1-306, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	AIDA (1-306, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSEVTRS LLQRWGASFR RGADFDSWGQ LVEAIDEYQI LARHLQKEAQ AQHNNSEFTE EQKKTIGKIA TCLELRSAAL QSTQSQEEFK LEDLKKLEPI LKNILTYNKE PFDVQPVPL RRILAPGEEE NLEFEEDEEE GGAGAGSPDS FPARVPGTLL PRLPSEPGMT LLTIRIEKIG LKDAGQCIDP YITVSVKDLN GIDLTPVQDT PVASRKEDTY VHFNVDIELQ KHVEKLTKGA AIFFEFKHYK PKKRFTSTKC FAFMEMDEIK PGPIVIELYK KPTDFKRKKL QLLTKKPLYL HLHQTLLHKE
Tag:	His-tag
Predicted MW:	37.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.2M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human AIDA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_073742</a>
Locus ID:	64853
UniProt ID:	<a href="#">Q96BJ3</a>
Cytogenetics:	1q41
Synonyms:	C1orf80



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**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:**