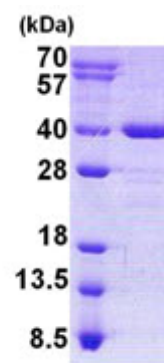


AR50801PU-S

Human AIDA (1-306, His-tag) - Purified

Alternate names:	Axin interaction partner and dorsalization antagonist, Axin interactor, C1orf80, dorsalization-associated protein
Quantity:	20 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	AIDA acts as a ventralizing factor during embryogenesis. This protein 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.
Uniprot ID:	Q96BJ3
NCBI:	NP_073742
GeneID:	64853
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.2M NaCl, 1mM DTT
Description:	Recombinant human AIDA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMSEVTRS LLQRWGASFR RGADFDSWGQ LVEAIDEYQI LARHLQKEAQ AQHNNSEFTE EQKKTIGKIA TCLELRSAL QSTQSQEEFK LEDLKKLEPI LKNILTYNKE FPFDVQPVPPL RRILAPGEEE NLEFEDEEEE GGAGAGSPDS FPARVPGTLL PRLPSEPGMT LLTIRIEKIG LKDAQCIDP YITVSVKDLN GIDLTPVQDT PVASRKEDTY VHFNVDIELQ KHVEKLTKGA AIFFEFKHYK PKKRFTSTKC FAFMEMDEIK PGPIVIELYK KPTDFKRKKL QLLTKKPLYL HLHQLHKE Molecular weight: 37.4 kDa (329aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Rui, Y., et al. (2007) Dev. Cell 13 (2), 268-282

Pictures:



15% SDS-PAGE (3ug)