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32-3172: AIDA Recombinant Protein

Alternative Name : C1orf80,RP11-378J18.7,Axin interactor,dorsalization-associated protein,Axin interaction partner and dorsalization antagonist,AIDA.

Description

Source : E.coli. AIDA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 329 amino acids (1-306 a.a) and having a molecular mass of 37.4kDa. AIDA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Axin interactor, dorsalization-associated (AIDA) operates as a ventralizing factor during embryogenesis. AIDA inhibits axin-mediated JNK activation by binding axin and disrupting axin homodimerization. That in turn antagonizes a Wnt/beta-catenin-independent dorsalization pathway activated by AXIN/JNK-signaling.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	AIDA protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.2M NaCl and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSEVTRS LLQRWGASFR RGADFDSWGQ LVEAIDEYQI LARHLQKEAQ AQHNNSEFTE EQKKTIGKIA TCLELRSAAL QSTQSQEEFK LEDLKKLEPI LKNILTYNKE FPFDVQPVPL RRILAPGEEE NLEFEEDEEE GGAGAGSPDS FPARVPGTLL PRLPSEPGMT LLTIRIEKIG LKDAGQCIDP YITVSVKDLN GIDLTPVQDT PVASRKEDTY VHFNVDIELQ KHVEKLTKGA AIFFEFKHYK PKKRFTSTKC FAFMEMDEIK PGPIVIELYK KPTDFKRKKL QLLTKKPLYL HLHQTLHKE.

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