

## AIDA Human

**Description:**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.

Catalog #:PRPS-1377

For research use only.

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

**Source:**E.coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSMSEVTRS LLQRWGASFR  
RGADFDSWGQ LVEAIDEYQI LARHLQKEAQ AQHNNSEFTE EQKKTIGKIA TCLELRSAAAL  
QSTQSQEEFK LEDLKKLEPI LKNILTYNKE FPFVQVPVPL RRILAPGEEE NLEFEDEEEE  
GGAGAGSPDS FPARVPGTLL PRLPSEPGMT LLTIRIEKIG LKDAGQCIDP YITVSVKDLN  
GIDLTPVQDT PV

**Purity:**Greater than 90% as determined by SDS-PAGE.

### Formulation:

AIDA protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.2M NaCl and 1mM DTT.

### Stability:

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.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

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.

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