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AIDA, 1-306 aa, Human, His tag, E.coli

产品货号: TP01092

第三版

别名: Axin interactor, dorsalization-associated, C1orf80, RP11-378J18.7

描述: 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. Recombinant human AIDA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.2M NaCl, 1mM DTT

分子量: 37.4kDa(329aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMSEVTRSLLRWGWASFRRGADFDSWGQLVEAIDEYQILARHLQKEAQAQHNNSEF
TEEQKKTIGKIATCLELRSALQSTQSQEEFKLEDLKKLEPILKNILTYNKEFPFDVQPVPLRRILAPGEEENLEFEDEEEGGA
GAGSPDSFPARVPGTLLPRLPSEPGMTLLTIRIEKIGLKDAGQCIDPYITVSVKDLNGIDLTPVQDTPVASRKEDTYVHFNV
IELQKHVEKLTGAAIFFEFKHYKPKKRFTSTKCFMEMDEIKPGPIVIELYKKPTDFKRKKLQLLTKKPLYLHLHQLHKE

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: < 1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.