

Product datasheet for **TP307627M**

XIAP (NM_001167) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human X-linked inhibitor of apoptosis (XIAP), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207627 protein sequence Red =Cloning site Green =Tags(s)

MTFNSFEGSKTCVPADINKEEEFVEEFNRLKTFANFPSGSPVSASTLARAGFLYTGEGDTVRCFSCHAAV
DRWQYGDSAVGRHRKVSPNCRFINGFYLENSATQSTNSGIQNGQYKVENYLGSRDHFALDRPSETHADYL
LRTGQVVDISDTIYPRNPAMYSEEARLKSFQNWPDYAHLTPRELASAGLYYTIGGDQVQCFCCGGKLNW
EPCDRAWSEHRRHFPNCFVLGRNLNIRSESDAVSSDRNFPNSTNLPRNPSMADYEARIFTFGTWIYSVN
KEQLARAGFYALGEGDKVKCFHCGGLTDWKPSEDPWEQHAKWYPGCKYLLEQKGQEYINNIHLTHSLEE
CLVRTTEKTPSLTRRIDDTIFQNPVMQEAIRMGFSFKDIKKIMEEKIQISGSNYKSLEVLVADLVNAQKD
SMQDESSQTSLQKEISTEEQLRRLQEEKLKICMDRNIAIVFVPCGHLVTCKQCAEAVDKCPMCYTVITF
KQKIFMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001158](#)

Locus ID: 331

UniProt ID: [P98170](#)

RefSeq Size: 8460

Cytogenetics: Xq25

RefSeq ORF: 1491

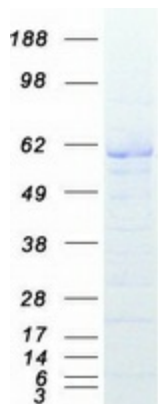
Synonyms: API3; BIRC4; hIAP-3; hIAP3; IAP-3; ILP1; MIHA; XLP2

Summary: This gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. This protein also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 2 and 11.[provided by RefSeq, Feb 2011]

Protein Families: Druggable Genome

Protein Pathways: Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified XIAP protein (Cat# [TP307627]). The protein was produced from HEK293T cells transfected with XIAP cDNA clone (Cat# [RC207627]) using MegaTran 2.0 (Cat# [TT210002]).