

Product datasheet for TP527555

Xiap (NM_009688) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse X-linked inhibitor of apoptosis (Xiap), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227555 representing NM_009688 Red=Cloning site Green=Tags(s)

MTFNSFEGTRTFVLADTNKDEEFVEEFNRLKTFANFPSSSPVSASTLARAGFLYTGEGDTVQCFSCHAAI
DRWQYGDSAVGRHRRISPNCRFINGFYFENGAAQSTNPGIQNGQYKSENCVGNRNPFPAPDRPPETHADYL
LRTGQVVDISDTIYPRNPAMCSEEARLKSFQNWPDYAHLTRELASAGLYYTGADDQVQCFCCGGKLNW
EPCDRAWSEHRRHFPNCFVLGRNVNVRSESGVSSDRNFPNSTNSPRNPAMAEYEARIVTFGTWTSSVVK
EQLARAGFYALGEGDKVKCFHCGGLTDWKPSDPWEQHAKWYPGCKYLLDEKGQEYINNIHLTHSLEES
LGRTAEKTPSLTKKIDDTIFQNPVMVQEAIRMGFSFKDIKKTMEEKIQTSGSSYLSLEVLIALDLVSAQKDN
TEDESSQTSLQKDISTEEQLRRLQEEKLKICKMDRNIAIVFVPCGHLVTCKQCAEAVDKCPMCYTVITFK
QKIFMS

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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033818



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Locus ID: 11798

UniProt ID: [Q60989](#)

RefSeq Size: 6550

Cytogenetics: X A4

RefSeq ORF: 1488

Synonyms: 1110015C02Rik; A; Aipa; Api3; Bir; Birc4; I; IAP3; IL; ILP-1; MIHA

Summary: The protein encoded by this gene is a member of the inhibitor of apoptosis (IAP) family of proteins. While first identified for its role in blocking apoptosis, this protein modulates many other signaling processes including nuclear factor kappa-light-chain-enhancer of activated B cells (NF- κ B) pathways and inflammatory responses. This protein blocks apoptosis by binding and inhibiting target caspases after they have been activated. Binding occurs to some, but not all, caspases. This protein has several conserved regions, including baculoviral IAP repeat (BIR) motifs and a RING finger E3 ligase domain. In humans, mutations in this gene are linked to immunodeficiency in X-linked lymphoproliferative syndrome type-2 (XLP-2). A pseudogene of this gene is found on chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]