

Recombinant Mouse Xiap Protein, MYC/DDK-tagged

Cat. No. Xiap-626M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse X-linked inhibitor of apoptosis (Xiap), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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-κB) 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.
Molecular Mass	56.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
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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Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
GENE INFORMATION	
Gene Name	Xiap X-linked inhibitor of apoptosis [Mus musculus (house mouse)]
Official Symbol	Xiap
Synonyms	Xiap; X-linked inhibitor of apoptosis; Aipa; Api3; IAP3; MIHA; Birc4; ILP-1; 1110015C02Rik; E3 ubiquitin-protein ligase XIAP; IAP homolog A; RING-type E3 ubiquitin transferase XIAP; X-linked IAP; baculoviral IAP repeat-containing protein 4; inhibitor of apoptosis protein 3; EC 2.3.2.27
Gene ID	11798
mRNA Refseq	NM_009688
Protein Refseq	NP_033818
UniProt ID	Q60989