

## Recombinant Mouse Xiap Protein, MYC/DDK-tagged

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

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse X-linked inhibitor of apoptosis (Xiap), with C-terminal MYC/DDK tag, expressed in HEK293T cells.   |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 56.5 kDa   |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Stability</b>        | 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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| <b>Storage</b>          | Store at -80 centigrade after receiving vials.   |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method   |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.  |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | <a href="#">Xiap X-linked inhibitor of apoptosis [ Mus musculus (house mouse) ]</a>  |
| <b>Official Symbol</b>  | <a href="#">Xiap</a>   |
| <b>Synonyms</b>         | 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 |
| <b>Gene ID</b>          | <a href="#">11798</a>  |
| <b>mRNA Refseq</b>      | <a href="#">NM_009688</a>  |
| <b>Protein Refseq</b>   | <a href="#">NP_033818</a>  |
| <b>UniProt ID</b>       | <a href="#">Q60989</a>   |

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