

Recombinant Human X-linked Inhibitor Of Apoptosis, GST-tagged

Cat. No. XIAP-1503H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human XIAP was expressed by baculovirus in Sf9 insect cells using a C-terminal GST tag. MW = 84 kDa.
Species	Human
Source	Sf9 Cells
Description	<p>XIAP is a member of a family of proteins which inhibit apoptosis and act as mammalian cell-death suppressors. XIAP inhibits at least 2 members of the caspase family of cell-death proteases, caspase-3 and caspase-7. In addition, XIAP inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE.</p> <p>Furthermore, XIAP can mediate protection of cells from apoptosis by utilizing both a JNK1 activation pathway that involves ILPIP and a caspase inhibition pathway that is independent of ILPIP. Disruption of the XIAP gene in human colon cancer cells can enhance sensitivity of these cells to exogenously added TRAIL suggesting that XIAP is a nonredundant modulator of TRAIL-mediated apoptosis.</p>
Sequence	Full-length.
Applications	Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable

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performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

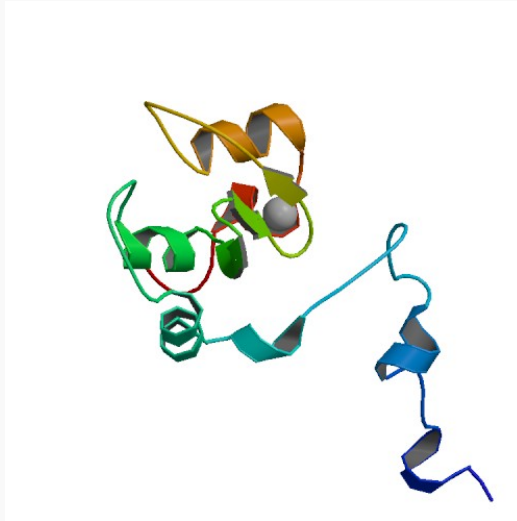
Gene Name	XIAP X-linked inhibitor of apoptosis [Homo sapiens]
Synonyms	XIAP; X-linked inhibitor of apoptosis; API3; ILP1; MIHA; XLP2; BIRC4; baculoviral IAP repeat-containing protein 4; OTTHUMP00000196392; apoptosis inhibitor 3; baculoviral IAP repeat-containing 4; E3 ubiquitin-protein ligase XIAP; Inhibitor of apoptosis protein 3; X-linked inhibitor of apoptosis protein; X-linked IAP; IAP-like protein; HILP; IAP3; EC 6.3.2.-; OTTHUMP00000023975; hILP
Gene ID	331
mRNA Refseq	NM_001167
Protein Refseq	NP_001158
MIM	300079
UniProt ID	P98170
Chromosome Location	Xq25
Pathway	Apoptosis; Focal adhesion; NOD-like receptor signaling pathway; Pathways in cancer; Small cell lung cancer; Ubiquitin mediated proteolysis
Function	caspase inhibitor activity; ligase activity; metal ion binding; peptidase inhibitor activity; protein binding; zinc ion binding

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PDB rendering based
on 1c9q.



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