Recombinant Human XIAP Protein, MYC/DDK-tagged

Cat. No. XIAP-399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human X-linked inhibitor of apoptosis (XIAP) with C-MYC/DDK tag was expressed in HEK293T cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	56.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at –80 centigrade. Avoid repeated freeze-thaw cycles.
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
Official Symbol	XIAP X-linked inhibitor of apoptosis [Homo sapiens (human)]
Synonyms	XIAP; X-linked inhibitor of apoptosis; API3; ILP1; MIHA; XLP2; BIRC4; IAP-3; hIAP3; hIAP-3; E3 ubiquitin-protein ligase XIAP; IAP-like protein; RING-type E3 ubiquitin transferase XIAP; X-linked IAP; X-linked inhibitor of apoptosis, E3 ubiquitin protein ligase; baculoviral IAP repeat-containing protein 4; inhibitor of apoptosis protein 3; EC 2.3.2.27
Gene ID	331
mRNA Refseq	NM_001167.3
Protein Refseq	NP_001158.2
MIM	300079
UniProt ID	P98170

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