

Datasheet for 009-001-U61S**XIAP protein-GST fusion****Overview**

Description:	XIAP recombinant protein-GST fusion protein - 009-001-U61S
Item No.:	009-001-U61S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	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 (1). In addition, XIAP inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE. 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 (2). 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. XIAP Protein is ideal for investigators involved in Signaling Proteins, Apoptosis Proteins, Apoptosis/Autophagy, Cancer, Inflammation, and Neurobiology research.
Synonyms:	API3, ILP1, MIHA, XLP2, BIRC4, E3 ubiquitin-protein ligase XIAP
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	XIAP
Purity/Specificity:	Recombinant full-length human XIAP was expressed by baculovirus in Sf9 insect cells using a C-terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Relevant Links:	• NCBI - NM_001167

Application Details

Application Note:	XIAP Protein is stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. XIAP Protein is suitable for use in Western Blot. Expect a band approximately ~84kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.2 µg/µl
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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