E3 Ubiquitin-Protein Ligase XIAP (xiap) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	E3 ubiquitin-protein ligase XIAP (xiap), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis E3 ubiquitin-protein ligase XIAP (xiap)
Product Gene Name	xiap recombinant protein
Product Synonym Gene Name	xiap
Sequence	MEPQLAEFVL KEEMTCQCPK MSDGAYDMDV DQNYFEEEVR LASFANFPSS YPVSAPALAR AGFYYTGDGD RVKCFSCLAM VEGWQHGDTA IGKHRKISPN CKFINGFNNL RSDCILTQVP VMQNGFQNSA EDLAERSSSE IMADYLLRTG RVVDMSTPKY PRHMEMCSEE ARLQTFQNWP AYSPLTPKEL ANAGLFYTGI NDQVKCFCCG GKLMNWEPSD KAWTEHKKHF PECYFVLGRD VGNVATEANT HGGRRRGSEL ACPAMNDYNA RLETFSSWSF PIDKETLAKA GFYSIGDGDA TKCFHCGGVL NCWSATDDPW EEHAKAYPGC KFLIDEKGQH FINHAQLKRP ILHKANSADA SPALPKDSNL LKSPLVTDAQ QMGFPLEEIK KVMGQKLKTT GKNYTCVEEF VSDLCAQKET VLEKPKEIEI SLEEKLRQLE EEKICKVCMD RRISIVFIPC GHLVACAVCA DVLDKCPICC TIVERRQKIF MS
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	55,292 Da
Sequence Positions	1-492, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5BKL8
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for xiap recombinant protein	MBS1437713 is a recombinant protein targeting xiap. Also known as Recombinant Xenopus tropicalis E3 ubiquitin-protein ligase XIAP (xiap). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of xiap recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for xiap. It may not necessarily be applicable to this product.

NCBI GI #	71896175
NCBI GeneID	594971
NCBI Accession #	NP_001025583.1
UniProt Primary Accession #	Q5BKL8

UniProt Related Accession #	Q5BKL8
GenBank Nucleotide #	NM_001030412.1
NCBI Official Full Name	E3 ubiquitin-protein ligase XIAP
NCBI Official Synonym Full Names	X-linked inhibitor of apoptosis
NCBI Official Symbol	xiap
NCBI Official Synonym Symbols	api3; ilp1; miha; xlp2; birc4; xxiap
UniProt Protein Name	E3 ubiquitin-protein ligase XIAP
UniProt Synonym Protein Names	Baculoviral IAP repeat-containing protein 4
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	xiap
UniProt Synonym Gene Names	; X-linked IAP
NCBI Protein Information	E3 ubiquitin-protein ligase XIAP
UniProt Comments for xiap	Multi-functional protein which regulates not only caspases and apoptosis, but also acts as an E3 ubiquitin-protein ligase mediating ubiquitination and subsequent proteasomal degradation of its target proteins. Acts as a direct caspase inhibitor. A key apoptotic suppressor in eggs. Acts as a positive regulator of Wnt signaling.
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