

Recombinant Human Baculoviral IAP Repeat-containing 7, His-tagged

Cat. No. BIRC7-375H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Livin fused to His-tag at N-terminus was expressed in E.coli and purified by conventional chromatography techniques, 34 kDa (318 aa).
Species	Human
Source	E.coli
Description	Livin is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING zinc finger (RZF) domain. Livin has direct interaction with several caspases including caspase-3, -7, and -9. This protein inhibits the activation of caspase-9 induced by Apaf-1, cytochrome c, and dATP.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MGPKDSAKCL HRGPQPSHWA AGDGPTQERC GPRSLGSPVL GLDTCRAWDH VDGQILGQLR PLTEEEEEEG AGATLSRGPA FPGMGSEELR LASFYDWPLT AEVPPPELLAA AGFFHTGHQD KVRCCFCYGG LQSWKRGDDP WTEHAKWFPS CQFLLRSKGR DVFHSVQETH SQLLGSWDPW EEDAAPVA PSVPASGYPE LPTPRREVQS ESAQEPGGVS PAEAQRAWVW LEPPGARDVE AQLRRLQEER TCKVCLDRAV SIVFVPCGHL VCAECAPGLQ LCPICRAPVR SRVRTFLS
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 100 mM NaCl, 2 mM EDTA, 20% glycerol

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Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
GENE INFORMATION	
Gene Name	BIRC7 baculoviral IAP repeat-containing 7 [Homo sapiens]
Synonyms	BIRC7; baculoviral IAP repeat-containing 7; KIAP; LIVIN; MLIAP; RNF50; ML-IAP; livin inhibitor of apoptosis; OTTHUMP00000031536; OTTHUMP00000031537; livin inhibitor-of-apoptosis; kidney inhibitor of apoptosis protein; melanoma inhibitor of apoptosis protein; baculoviral IAP repeat-containing protein 7; mliap, RNF50; livin; RING finger protein 50
Gene ID	79444
mRNA Refseq	NM_022161
Protein Refseq	NP_071444
MIM	605737
UniProt ID	Q96CA5
Chromosome Location	20q13.3
Function	enzyme binding; metal ion binding; zinc ion binding

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