

Product information

Livin, 1-298 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBLIV0801

Full name: Livin inhibitor of apoptosis isoform alpha

NCBI Accession No.: NP_647478

Synonyms: BIRC7, KIAP, ML-IAP, MLIAP, RNF50

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. Recombinant human Livin fused to His-tag at N-terminus was expressed in *E.coli* and purified by conventional chromatography techniques.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT
100 mM NaCl, 2 mM EDTA, 20% glycerol

Molecular Weight: 34 kDa (318 aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SGLVPRGSH MGPKDSAKCL HRGPQPSHWA AGDGPTQERC GPRSLGSPVL GLDTCRAWDH VDQQLLGQLR PLTEEEEEEG
AGATLSRGPA FPGMGSEELR LASFYDWPLT AEVPPPELLAA AGFFHTGHQD KVRCCFCYGG LQSWKRGDDP WTEHAKWFPS CQFLLRSKGR
DFVHSVQETH SQLLGSWDPW EEPEDAAPVA PSVPASGYPE LPTPRREVQS ESAQEPGGVS PAEAQRAWWV LEPPGARDVE AQLRRLQEER
TCKVCLDRAV SIVFVPCGHL VCAECAPGLQ LCPICRAPVR SRVRTFLS

General references:

Kasof GM., *et al.* (2001). *J Biol Chem.* 276(5):3238-46.

Ashhab Y., *et al.* (2001). *FEBS Lett.* 495(1-2):56-60.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.