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Livin beta, 1-280aa, Human, His tag, E.coli

产品货号: TP02836

第三版

别名: Livin inhibitor of apoptosis isoform beta, BIRC7, KIAP, ML-IAP, MLIAP, RNF50.

描述: Livin isoform beta 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 isoform beta 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 beta protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 300mM NaCl, 1mM EDTA.

分子量: 33.4kDa (304aa), confirmed by MALDI-TOF.

序列:

MGSSHHHHHSSGLVPRGSHMGSHMGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVD
GQILGQLRPLTEEEEEEGAGATLSRGPAPFGMGSEELRLASFYDWPLTAEVPELLAAAGFFHTGHQDKVRCFFCYGGLQS
WKRGD DPWTEHAKWFPSCQFLLRSKGRDFVHSVQETHSLLGSDPWPEEDAAPVAPSVPASGYPELPTPRREVQSES
AQEPGARDVEAQLRRLQEERTCKVCLDRAVSIVFVPCGHLVCAECAPGLQLCPICRAPVRSRVRTFLS

纯度: > 95% by HPLC

浓度: 0.5 mg/mL (determined by Bradford assay).

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.