32-3336: BIRC7 Recombinant Protein

Alternative Name : Baculoviral IAP repeat-containing protein 7,KIAP,MLIAP,RNF50,ML-IAP,LIVIN,Kidney inhibitor of apoptosis protein,Melanoma inhibitor of apoptosis protein,RING finger protein 50,BIRC7.

Description

Source : Escherichia Coli. BIRC7 Human Recombinant fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 318 amino acids and having a molecular mass of 34 kDa. BIRC7 is a part of the inhibitor of apoptosis protein (IAP) family and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is necessary for inhibitory activity & cooperates with caspases, while the RING finger domain sometimes increases anti-apoptotic activity but doesn't inhibit apoptosis by itself. 2 transcript variants encoding diverse isoforms have been found for this gene. The 2 isoforms have dissimilar antiapoptotic characteristics, with isoform a protecting cells from apoptosis induced by staurosporine and isoform b defending cells from apoptosis induced by etoposide. BIRC7 has direct contact with several caspases together with caspase-3, caspase-7, & caspase -9. BIRC7 inhibits the activation of caspase-9 induced by Apaf-1, cytochrome c, and dATP.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The BIRC7 solution contains 20mM Tris pH-8, 1mM DTT, 0.1M NaCl, 2mM EDTA and 20% glycerol.
Storage condition :	BIRC7 although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGPKDSAKCL HRGPQPSHWA AGDGPTQERC GPRSLGSPVL GLDTCRAWDH VDGQILGQLR PLTEEEEEG AGATLSRGPA FPGMGSEELRLASFYDWPLT AEVPPELLAA AGFFHTGHQD KVRCFFCYGG LQSWKRGDDP WTEHAKWFPS CQFLLRSKGR DFVHSVQETH SQLLGSWDPW EEPEDAAPVA PSVPASGYPE LPTPRREVQS ESAQEPGGVS PAEAQRAWWV LEPPGARDVE AQLRRLQEER TCKVCLDRAV SIVFVPCGHL VCAECAPGLQ LCPICRAPVR SRVRTFLS.