

Recombinant Full Length Human BIRC7 Protein, GST-tagged

Cat. No. BIRC7-1640HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BIRC7 full-length ORF (NP_647478.1, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	298 amino acids
Description	The protein encoded by this gene 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-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	59.2 kDa
AA Sequence	MGPKDSAKCL HRGPQPSHWA AGDGPTQERC GPRSLGSPVL GLDTCRAWDH VDGQILGQLR PLTEEEEEEG AGATLSRGPA FPGMGSEELR LASFYDWPLT

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AEVPPPELLAA AGFFHTGHQD KVRCCFFCYGG LQSWKRGDDP WTEHAKWFPS
CQFLRSKGR DVFHSVQETH SLLGSDPW EEPEDAAPVA PSVPASGYE
LPTPRREVQS ESAQEPGGVS PAEAQRAWWV LEPPGARDVE AQLRRLQEER
TCKVCLDRAV SIVFVPCGHL VCAECAPGLQ LCPICRAPVR SRVRTFLS

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name BIRC7 baculoviral IAP repeat containing 7 [Homo sapiens]

Official Symbol BIRC7

Synonyms BIRC7; baculoviral IAP repeat containing 7; baculoviral IAP repeat-containing protein 7; KIAP; kidney inhibitor of apoptosis protein; livin; livin inhibitor of apoptosis; melanoma inhibitor of apoptosis protein; ML IAP; mliap; RNF50; RING finger protein 50; LIVIN; MLIAP; ML-IAP

Gene ID 79444

mRNA Refseq NM_022161

Protein Refseq NP_071444

MIM 605737

UniProt ID Q96CA5

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