

Recombinant Human BIRC7 Protein, GST-tagged

Cat. No. BIRC7-231H **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	Wheat Germ
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	MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDG QILGQLRPLTEEEEEEGAGATLSRGPAPFGMGSEELRLASFYDWPLTAEVPPPELLAA AGFFHTGHQDKVRCFFCYGGLQSWKRGDDPWTEHAKWFPSCQFLLRSKGRDFVH SVQETHSQLLGSWDPWEEPEDAAPVAPSVPASGYPELPTPRREVQSESAQEPGGV

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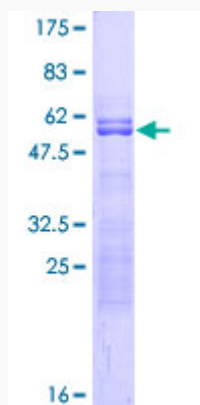
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SPAEAQRAWVLEPPGARDVEAQLRRLQEERTCKVCLDRAVSIVFVPCGHLVCAE
CAPGLQLCPICRAPVRSRVRTFLS

Notes	Best use within three months from the date of receipt of this protein.
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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