

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

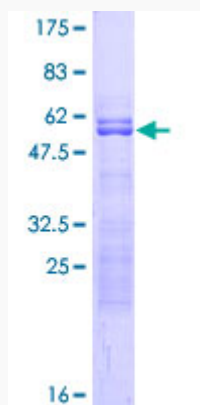
MIM [605737](#)

UniProt ID [Q96CA5](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA