

Recombinant Full Length Human BIRC7 Protein, C-Flag-tagged

Cat. No. BIRC7-2176HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BIRC7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member 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 essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Elevated levels of the encoded protein may be associated with cancer progression and play a role in chemotherapy sensitivity. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	32.6 kDa
AA Sequence	MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGPRSLGSPVLGLDTCRAWDHVDG QILGQLRPLTEEEEEEG AGATLSRGPAPFGMGSEELRLASFYDWPLTAEVPPELLA AAGFFHTGHQDKVRCFFCYGGLQSWKRGDDP WTEHAKWFPSCQFLLRSKGRDF VHSVQETHSQLLSWDPWEEPEDAAPVAPSVPASGYPELPTPRREVQS ESAQEP GGVSPAQAQRAWWVLEPPGARDVEAQLRRLQEERTCKVCLDRAVSIVFVPCGHLV CAECAPGLQ LCPICRAPVRSRVRTFLS TRTRPLEQKLISEEDLAANDILDYKDDDDK

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	BIRC7 baculoviral IAP repeat containing 7 [Homo sapiens (human)]
Official Symbol	BIRC7
Synonyms	KIAP; LIVIN; MLIAP; RNF50; ML-IAP
Gene ID	79444
mRNA Refseq	NM_139317.3
Protein Refseq	NP_647478.1

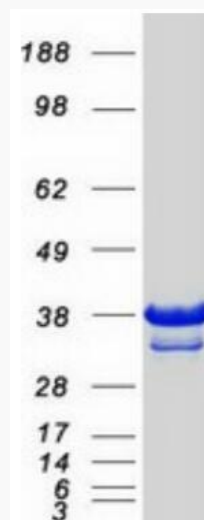
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MIM 605737

UniProt ID Q96CA5



Coomassie blue staining of purified BIRC7 protein.

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