

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human BIRC7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	32.6 kDa
<b>AA Sequence</b>	<p>MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDG          QILGQLRPLTEEEEEEG AGATLSRGPAPFGMGSEELRLASFYDWPLTAEVPPELLA          AAGFFHTGHQDKVRCFFCYGGLQSWKRGDDP WTEHAKWFPSQCQFLLRSKGRDF          VHSVQETHSQLLGSWDPWEEPEDAAPVAPSVPASGYPELPTPRREVQS ESAQEP          GGVSPAQAQRAWVLEPPGARDVEAQLRRLQEERTCKVCLDRAVSIVFVPCGHLV          CAECAPGLQ LCPICRAPVRSRVRTFLS TRTRPLEQKLISEEDLAANDILDYKDDDDK</p>

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">BIRC7 baculoviral IAP repeat containing 7 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">BIRC7</a>
<b>Synonyms</b>	KIAP; LIVIN; MLIAP; RNF50; ML-IAP
<b>Gene ID</b>	<a href="#">79444</a>
<b>mRNA Refseq</b>	<a href="#">NM_139317.3</a>
<b>Protein Refseq</b>	<a href="#">NP_647478.1</a>

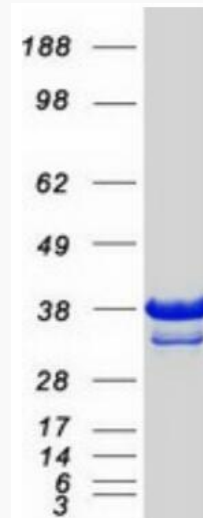
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**MIM** 605737

**UniProt ID** Q96CA5



Coomassie blue staining of purified BIRC7 protein.

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