

Recombinant Human BIRC7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BIRC7-4174H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BIRC7 MS Standard C13 and N15-labeled recombinant protein (NP_647478) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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
Molecular Mass	32.8 kDa
AA Sequence	MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDG QILGQLRPLTEEEEEEGAGATLSRGPAFPGMGSEELRLASFYDWPLTAEVPPPELLAA AGFFHTGHQDKVRCFFCYGGLQSWKRGDDPWTEHAKWFPSCQFLLRSKGRDFVH SVQETHSQLGSDWPWEEPEDAAPVAPSVPASGYPELPTPRREVQSESAQEPGGV SPAQAQRAWVLEPPGARDVEAQLRRLQEERTCKVCLDRAVSIVFVPCGHLVCAE CAPGLQLCPICRAPVRSRVRTFLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

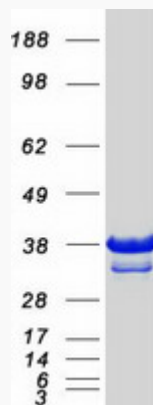
Gene Name	BIRC7 baculoviral IAP repeat containing 7 [Homo sapiens (human)]
Official Symbol	BIRC7
Synonyms	BIRC7; baculoviral IAP repeat containing 7; baculoviral IAP repeat-containing protein 7; KIAP; kidney inhibitor of apoptosis protein; livin; livin inhibitor of apoptosis; melanoma inhibitor of apoptosis protein; ML IAP; mliap; RNF50; RING finger protein 50; LIVIN; MLIAP; ML-IAP;
Gene ID	79444
mRNA Refseq	NM_139317
Protein Refseq	NP_647478
MIM	605737
UniProt ID	Q96CA5

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SDS-PAGE



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