

Product datasheet for **TP304906**

Livin (BIRC7) (NM_139317) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human baculoviral IAP repeat-containing 7 (BIRC7), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC204906 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDGQILGQLRPLTEEEEEEG
AGATLSRGPAPFGMGSEELRLASFYDWPLTAEVPELLAAAGFFHTGHQDKVRCFFCYGGLQSWKRGDDP
WTEHAKWFPSCQFLLRSKGRDFVHSVQETHSQLLGSWDPWEEPEDAAPVAPSPASGYPELPTPRREVQS
ESAEQEPGGVSPAQAQRAWWWLEPPGARDVEAQLRRLQEERTCKVCLDRAVSIVFVPCGHLVCAECAPGLQ
LCPICRAPVRSRVRTFLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	32.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_647478
Locus ID:	79444



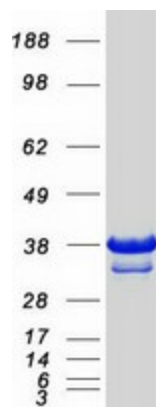
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UniProt ID: [Q96CA5](#)
RefSeq Size: 1386
Cytogenetics: 20q13.33
RefSeq ORF: 894
Synonyms: KIAP; LIVIN; ML-IAP; MLIAP; RNF50

Summary: 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 [provided by RefSeq, Jul 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified BIRC7 protein (Cat# TP304906). The protein was produced from HEK293T cells transfected with BIRC7 cDNA clone (Cat# [RC204906]) using MegaTran 2.0 (Cat# [TT210002]).