

Product datasheet for PH315363

Livin (BIRC7) (NM_022161) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BIRC7 MS Standard C13 and N15-labeled recombinant protein (NP_071444)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215363
Predicted MW:	30.7 kDa
Protein Sequence:	>RC215363 representing NM_022161 Red=Cloning site Green=Tags(s) MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDGQILGQLRPLTEEEEEEG AGATLSRGPAPFGMGSEELRLASFYDWPLTAEVPELLAAAGFFHTGHQDKVRCFFCYGGLQSWKRGGDP WTEHAKWFPSCQFLLRSKGRDFVHSVQETHSQLLGSDPWEEPEDAAPVAPSVASGYPELPTPRREVQS ESAQEPGARDVEAQLRRLQEERTCKVCLDRAVSIIVFVPCGHLVCAECAPGLQLCPCRAPVRSRVRTFLS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_071444
RefSeq Size:	1268
RefSeq ORF:	840
Synonyms:	KIAP; LIVIN; ML-IAP; MLIAP; RNF50
Locus ID:	79444
UniProt ID:	Q96CA5



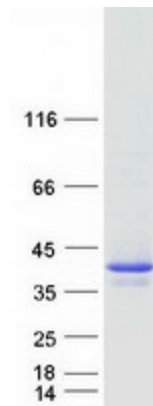
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Cytogenetics: 20q13.33

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# [TP315363]). The protein was produced from HEK293T cells transfected with BIRC7 cDNA clone (Cat# [RC215363]) using MegaTran 2.0 (Cat# [TT210002]).