

Livin/BIRC7 Protein, Human, Recombinant (His)

General Information

Synonyms:	MLIAP; baculoviral IAP repeat containing 7; RNF50; KIAP; ML-IAP; LIVIN
Protein Construction:	A DNA sequence encoding the human BIRC7 (AAH14475.1) (Met1-Ser298) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Met
Species:	Human
Expression Host:	E. coli
Accession:	AAH14475.1
Molecular Weight:	33.6 kDa (predicted); 35 kDa (reducing conditions)

QC Testing

Biological Activity:	Measured by its ability to reverse the inhibition of DEVD-AFC cleavage activity in cell extracts activated by addition of cytochrome c and dATP. The IC50 for this effect is typically 0.6-3.0 μ M.
Purity:	> 85 % as determined by SDS-PAGE
Endotoxin:	Please contact us for more information.
Formulation:	Supplied as sterile 50 mM Tris, 200 mM NaCl, pH 8.0.

Preparation and Storage

Reconstitution:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	It is recommended to store the product under sterile conditions at -20°C to -80°C. Samples are stable for up to 12 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	Proteins are shipped with blue ice.

Protein Background

BIRC7, a new member of inhibitor of the apoptosis protein family, is expressed in fetal tissues and most solid tumors in humans. BIRC7/livin expression is a novel prognostic marker in adult acute leukemia. Livin/BIRC7 is a member of the inhibitors of apoptosis proteins family, which are involved in tumor development through the inhibition of caspases. Livin/BIRC7 is specifically over-expressed in ACC, suggesting that it might be involved in adrenocortical tumorigenesis and represent a new molecular marker of malignancy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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