

Active Recombinant Human BIRC7 Protein, GST-tagged

Cat. No. BIRC7-636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BIRC7 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	Baculoviral IAP repeat-containing protein 7 (BIRC7) is a member of the newly discovered inhibitor of apoptosis proteins (IAPs) family whose activity is mediated through the inhibition of CASP3, CASP7 and CASP9, as well as by its E3 ubiquitin-protein ligase. Highly expressed in tumor tissues and inhibits tumor cell apoptosis through blocking the ability of DIABLO/SMAC to disrupt XIAP/BIRC4-caspase interactions. BIRC7 expression in breast cancer correlated with the clinical stage and axillary lymph node metastasis, and promotes breast cancer metastasis through the activation of AKT signaling and induction of EMT in breast cancer cells.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol
Bio-activity	30 nmol/min/mg
Molecular Mass	60 kDa
Purity	>95%

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Applications	Ubiquitin Enzyme Assay, Western Blot
Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml

GENE INFORMATION

Gene Name	BIRC7 baculoviral IAP repeat containing 7 [Homo sapiens]
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_022161
Protein Refseq	NP_071444
MIM	605737
UniProt ID	Q96CA5

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