

BIRC7 recombinant protein

BIRC7, Active

CATALOG # AAA73283	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

BIRC7; Active; KIAP; LIVIN; ML-IAP; MLIAP; RNF50; BIRC7 recombinant protein

PRODUCT SPECIFICATIONS

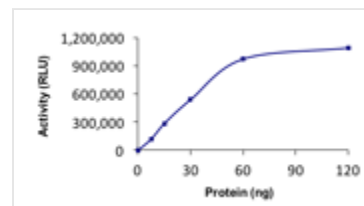
Host	Sf9 insect cells
Form/Format	Recombinant proteins stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for BIRC7 recombinant protein	WB (Western Blot)
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for BIRC7 recombinant protein	Recombinant full-length human BIRC7 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The BIRC7 gene accession number is BC014475. 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.
Product Categories/Family for BIRC7 recombinant protein	Ubiquitin Enzymes; Angiogenesis; Apoptosis/Autophagy; Cancer; Cell Cycle; Inflammation

References	1. Ma, L. et al: Livin promotes Smac/DIABLO degradation by ubiquitin-proteasome pathway. Cell Death Differ. 13:2079-2088, 2006 2. Li, F. et al: Livin promotes progression of breast cancer through induction of epithelial-mesenchymal transition and activation of AKT signaling. Cell Signal. 25(6):1413-1422, 2013
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15680240
NCBI GeneID	79444
Molecular Weight	30,866 Da
NCBI Official Full Name	Homo sapiens baculoviral IAP repeat-containing 7, mRNA
NCBI Official Synonym Full Names	baculoviral IAP repeat containing 7
NCBI Official Symbol	BIRC7
NCBI Official Synonym Symbols	KIAP; LIVIN; MLIAP; RNF50; ML-IAP
NCBI Protein Information	baculoviral IAP repeat-containing protein 7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/birc7-recombinant-protein-sf9-insect-cells-wb-western-blot/73283>