

Baculoviral IAP repeat-containing protein 5 Recombinant Protein | Birc5 recombinant protein

Recombinant Mouse Baculoviral IAP repeat-containing protein 5

CATALOG # AAA115944	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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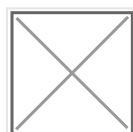
PRODUCT SYNONYMS

Baculoviral IAP repeat-containing protein 5; Recombinant Mouse Baculoviral IAP repeat-containing protein 5; Apoptosis inhibitor 4; Apoptosis inhibitor survivin; TIAP; Birc5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-140aa; Full Length
Sequence	MGAPALPQIW QLYLKNYRIA TFKNWPFLD CACTPERMAE AGFIHCPTEN EPDLAQCFEC FKELEGWEPD DNPIEEHRKH SPGCAFLTvk KQMEELTVSE FLKLDQRQAK NKIAKETNNK QKEFEETAKT TRQSIEQLAA
Sequence Length	121
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Birc5 recombinant protein	Multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. Component of a chromosome passage protein complex (CPC) which is essential for chromosome alignment and segregation during mitosis and cytokinesis. Acts as an important regulator of the localization of this complex; directs CPC movement to different locations from the inner centromere during prometaphase to midbody during cytokinesis and participates in the organization of the center spindle by associating with polymerized microtubules. The complex with RAN plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. May counteract a default induction of apoptosis in G2/M phase. The acetylated form represses STAT3 transactivation of target gene promoters. May play a role in neoplasia. Inhibitor of CASP3 and CASP7.
References	Mammalian inhibitor of apoptosis (IAP) homolog.Uren A.G., Vaux D.L.Kobayashi K., Otaki M., Ogasawara T., Tokuhisa T. Three differentially expressed survivin cDNA variants encode proteins with distinct antiapoptotic functions.Conway E.M., Pollefeyt S., Cornelissen J., DeBaere I., Steiner-Mosonyi M., Ong K., Baens M., Collen D., Schuh A.C.Blood 95:1435-1442(2000) Crystal structure and mutagenic analysis of the inhibitor-of-apoptosis protein survivin.Muchmore S.W., Chen J., Jakob C., Zakula D., Matayoshi E.D., Wu W., Zhang H., Li F., Ng S.C., Altieri D.C.Mol. Cell 6:173-182(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	59859890
NCBI GeneID	11799
NCBI Accession #	NP_001012273.1
NCBI GenBank Nucleotide #	NM_001012273.1
UniProt Accession #	O70201; Q923F7; Q9WU53; Q9WU54
Molecular Weight	18.3 kDa
NCBI Official Full Name	baculoviral IAP repeat-containing protein 5 isoform 3
NCBI Official Synonym Full Names	baculoviral IAP repeat-containing 5
NCBI Official Symbol	Birc5
NCBI Official Synonym Symbols	Api4; TIAP; AAC-11; survivin40
NCBI Protein Information	baculoviral IAP repeat-containing protein 5
UniProt Protein Name	Baculoviral IAP repeat-containing protein 5
UniProt Gene Name	Birc5
UniProt Synonym Gene Names	Api4; lap4
UniProt Entry Name	BIRC5_MOUSE

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/birc5-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115944>