

Aurora C Recombinant Protein | AURKC recombinant protein

Aurora C, Active

CATALOG # AAA72952	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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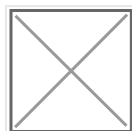
PRODUCT SYNONYMS

Aurora C; Active; AURKC recombinant protein

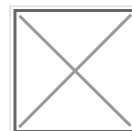
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full Length
Sequence Length	1125
Applicable Applications for AURKC recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
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



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for AURKC recombinant protein	Description: Recombinant full-length human AURORA C was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: Aurora C is a member of mitotic serine/threonine kinases that regulate centrosome maturation, chromosome segregation, and cytokinesis. Aurora C has been shown to contribute to oncogenic transformation and is frequently overexpressed and amplified in many human tumors (1). Aurora C overexpression has been correlated with centrosome amplification, which can be a driving cause of genomic instability in tumor cells. Aurora C is an important regulator of both genomic integrity and cell cycle progression in cancer cells and is an attractive target for anticancer drug development (2).
Product Categories/Family for AURKC recombinant protein	Enzymes; Active Kinases

References	1. Steven, L. et al: Targeting Aurora-2 Kinase in Cancer. Molecular Cancer Therapeutics. 2003;2: 589-595 2. Shingo, T. et al: The centrosomal protein Lats2 is a phosphorylation target of Aurora-A kinase. Genes to Cells. 2004; 9: 383-397
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62865642
NCBI GeneID	6795
NCBI Accession #	NM_003160.2
NCBI GenBank Nucleotide #	NM_003160
Molecular Weight	~61 kDa
NCBI Official Full Name	Homo sapiens aurora kinase C (AURKC), transcript variant 3, mRNA
NCBI Official Synonym Full Names	aurora kinase C
NCBI Official Symbol	AURKC
NCBI Official Synonym Symbols	AIE2; AIK3; ARK3; AurC; SPGF5; STK13; HEL-S-90; aurora-C
NCBI Protein Information	aurora kinase C
UniProt Protein Name	Aurora kinase C
UniProt Gene Name	AURKC
UniProt Synonym Gene Names	AIE2; AIK3; AIRK3; ARK3; STK13; ARK-3; Aurora-related kinase 3

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/aurkc-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/72952>