

Aurora A Recombinant Protein | AURA recombinant protein

Aurora A, Active

CATALOG # AAA72950	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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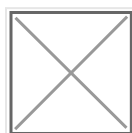
PRODUCT SYNONYMS

Aurora A; Active; AURA recombinant protein

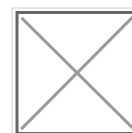
PRODUCT SPECIFICATIONS

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	2397
Applicable Applications for AURA 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 AURA recombinant protein	Description: Recombinant full-length human AURORA A was expressed by baculovirus in Sf9 cells using an N-terminal GST tag. Scientific Background: AURORA A belongs to a multigenic family of mitotic serine/threonine kinases which are involved in the control of chromosome segregation. AURORA A is involved in centrosome separation, duplication and maturation as well as in bipolar spindle assembly and stability (1). AURORA A is expressed and active at the highest level during G2-M phase of the cell cycle. Overexpression of AURORA A has been found to be correlated with the grade of various human solid tumours. Ectopic AURORA A overexpression in any culture cell line leads to polyploidy and centrosome amplification (2).
Product Categories/Family for AURA recombinant protein	Enzymes; Active Kinases

References	1. Dutertre, S. et al: On the role of aurora-A in centrosome function. Oncogene. 2002 Sep 9;21 (40):6175-83. 2. Katayama, H. et al: The Aurora kinases: role in cell transformation and tumorigenesis. Cancer Metastasis Rev. 2003 Dec;22 (4):451-64.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1020159018
NCBI GeneID	6790
NCBI Accession #	NM_003600.3
NCBI GenBank Nucleotide #	NM_003600
UniProt Accession #	O14965; O60445; O75873; Q9BQD6; Q9UPG5; E1P5F9
Molecular Weight	~72kDa
NCBI Official Full Name	Homo sapiens aurora kinase A (AURKA), transcript variant 2, mRNA
NCBI Official Synonym Full Names	aurora kinase A
NCBI Official Symbol	AURKA
NCBI Official Synonym Symbols	AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; PPP1R47
NCBI Protein Information	aurora kinase A
UniProt Protein Name	Aurora kinase A
UniProt Gene Name	AURKA
UniProt Synonym Gene Names	AIK; AIRK1; ARK1; AURA; AYK1; BTAK; IAK1; STK15; STK6; ARK-1; Aurora-related kinase 1; hARK1

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/aurka-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/72950>