

Recombinant Human Aurora Kinase A

Cat. No. AURKA-655H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Aurora Kinase A is produced in <i>Escherichia coli</i> . MW=80 kDa.
Species	Human
Source	E.coli
Description	Aurora A kinase also known as serine/threonine-protein kinase 6 is an enzyme that in humans is encoded by the AURKA gene. Aurora A is a member of a family of mitotic serine/threonine kinases. It is implicated with important processes during mitosis and meiosis whose proper function is integral for healthy cell proliferation. Aurora A is activated by one or more phosphorylations and its activity peaks during the G2 phase to M phase transition in the cell cycle.
Purity	>85% (SDS-PAGE).
Form	Aqueous glycerol solution.
Storage	-70°C. Shipped in wet ice.

GENE INFORMATION

Gene Name	RLN1 relaxin 1 [<i>Homo sapiens</i>]
Synonyms	AURKA; aurora kinase A; ARK-1; IPL1-related kinase; OTTHUMP00000031341; OTTHUMP00000166072; aurora-related kinase 1; aurora/IPL1-like kinase;

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aurora/IPL1-related kinase 1; breast tumor-amplified kinase; breast-tumor-amplified kinase; hARK1; serine/threonine kinase 6; serine/threonine protein kinase 15; serine/threonine-protein kinase 15; serine/threonine-protein kinase 6; serine/threonine-protein kinase aurora-A

Gene ID [6790](#)

mRNA Refseq [NM_006911](#)

Protein Refseq [NP_008842](#)

MIM [179730](#)

UniProt ID [P04808](#)

Chromosome Location 20q13.2-q13.3

Function hormone activity

PDB rendering based on 1mq4.

