

# Recombinant Human Aurora Kinase A

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human Aurora Kinase A is produced in <i>Escherichia coli</i> . MW=80 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Purity</b>	>85% (SDS-PAGE).
<b>Form</b>	Aqueous glycerol solution.
<b>Storage</b>	-70°C. Shipped in wet ice.

## GENE INFORMATION

<b>Gene Name</b>	RLN1 relaxin 1 [ <i>Homo sapiens</i> ]
<b>Synonyms</b>	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.**



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