

Recombinant Full Length Human AURKA Protein, GST-tagged

Cat. No. AURKA-1059HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AURKA full-length ORF (AAH01280, 1 a.a. - 403 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	403 amino acids
Description	The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	70.07 kDa
AA Sequence	MDRSKENCIS GPVKATAPVG GPKRVLVTQQ FPCQNPLPVN SGQAQRVLCP SNSSQRVPLQ AQKLVSSHKP VQNQKQKQLQ ATSVPHPVSR PLNNTQKSKQ PLPSAPENNP EEELASKQKN EESKKRQWAL EDFEIGRPLG KGKFGNVYLA REKQSKFILA LKVLFFKAQLE KAGVEHQLRR EVEIQSHLRH PIILRLYGYF HDATRVYLIL EYAPLGTVYR ELQKLSKFDE QRTATYITEL ANALSYCHSK

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RVIHRDIKPE NLLLGSA GEL KIADFGWSVH APSSRRTTLC GTLDYLPPEM
IEGRMHDEKV DLWSLGVL CY EFLVGKPPFE ANTYQETYKR ISRVEFTFPD
FVTEGARDLI SRLLKHNP SQ RPMLREVLEH PWITANSSKP SNCQNKESAS KQS

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[AURKA](#) aurora kinase A [Homo sapiens]

Official Symbol

[AURKA](#)

Synonyms

AURKA; aurora kinase A; serine/threonine kinase 6 , serine/threonine kinase 15 ,
STK6, STK15; ARK1; AurA; BTAK; PPP1R47; protein phosphatase 1; regulatory
subunit 47; STK7; ARK-1; hARK1; aurora 2; IPL1-related kinase; aurora-related
kinase 1; aurora/IPL1-like kinase; serine/threonine kinase 6; aurora/IPL1-related
kinase 1; breast tumor-amplified kinase; breast-tumor-amplified kinase;
serine/threonine-protein kinase 6; serine/threonine protein kinase 15;
serine/threonine-protein kinase 15; serine/threonine-protein kinase aurora-A; protein
phosphatase 1, regulatory subunit 47; AIK; AURA; STK6; STK15; AURORA2;
MGC34538

Gene ID

[6790](#)

mRNA Refseq

[NM_003600](#)

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Protein Refseq	NP_003591
MIM	603072
UniProt ID	O14965

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