

## Product datasheet for **TP762392**

### Aurora A (AURKA) (NM\_198435) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human aurora kinase A (AURKA), transcript variant 4, Met1-Met300, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Met300) of AURKA
Tag:	N-His
Predicted MW:	33.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_940837</a>
Locus ID:	6790
UniProt ID:	<a href="#">O14965</a>
RefSeq Size:	2135
Cytogenetics:	20q13.2
RefSeq ORF:	1209
Synonyms:	AIK; ARK1; AURA; BTAK; PPP1R47; STK6; STK7; STK15



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**Summary:**

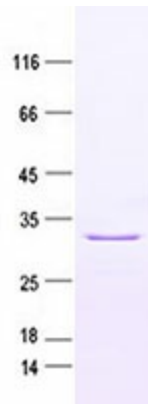
The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene 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]

**Protein Families:**

Druggable Genome, Protein Kinase, Stem cell - Pluripotency

**Protein Pathways:**

Oocyte meiosis

**Product images:**

Purified recombinant protein AURKA was analyzed by SDS-PAGE gel and Coomassie Blue Staining.