

## **Product datasheet for TP762711**

## OriGene Technologies, Inc.

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## 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, 1Met-

130Leu, 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 (1Met-130Leu) of AURKA

Tag: N-His

**Predicted MW:** 16.6 kDa

**Concentration:** >0.05 ug/ul as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25mM Tris, 150mM NaCl, 10% glycerol, pH8.0, 1% SKL

**Storage:** Store at -80°C after receiving vials.

Stability: Stable for at least 1 year from receipt of products under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 940837

 Locus ID:
 6790

 UniProt ID:
 014965

 RefSeq Size:
 2135

 Cytogenetics:
 20q13.2

RefSeq ORF: 1209

Synonyms: AIK; ARK1; AURA; BTAK; PPP1R47; STK6; STK7; STK15





**Summary:** The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved

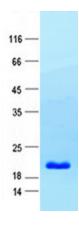
in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene 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:**



Coomassie blue staining of purified AURKA protein (Cat #TP762711). The protein was produced from E.coli.