

## Recombinant Human AURKB (D200A) Mutant Protein, GST-tagged

Cat. No. AURKB-05H Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

Recombinant full-length human AURORA B (D200A) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.

#### Species

Human

#### Source

Insect Cells

#### Description

This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene.

#### Molecular Mass

Approx 65 kDa

#### Purity

> 70%

#### Stability

One year at -70 centigrade from data of shipment.

#### Storage

Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

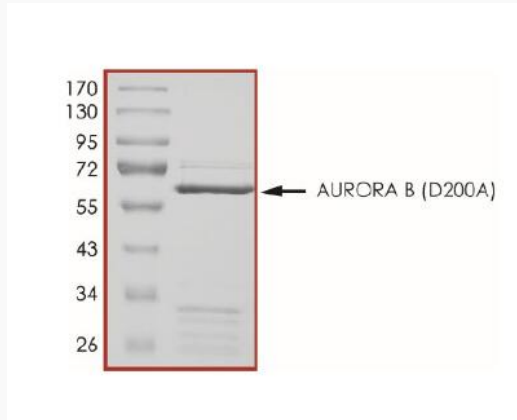
<b>Concentration</b>	0.1 µg/µL
<b>Storage Buffer</b>	Recombinant protein stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 25% glycerol.
<b>Shipping</b>	Dry ice
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">AURKB</a> aurora kinase B [ <a href="#">Homo sapiens (human)</a> ]
<b>Official Symbol</b>	<a href="#">AURKB</a>
<b>Synonyms</b>	AURKB; aurora kinase B; AIK2; AIM1; ARK2; AurB; IPL1; STK5; AIM-1; ARK-2; STK-1; STK12; PPP1R48; aurkb-sv1; aurkb-sv2; aurora kinase B; aurora kinase B-Sv1; aurora kinase B-Sv2; aurora- and lpl1-like midbody-associated protein 1; aurora-1; aurora-B; aurora-related kinase 2; aurora/IPL1-related kinase 2; protein phosphatase 1, regulatory subunit 48; serine/threonine kinase 12; serine/threonine-protein kinase 12; serine/threonine-protein kinase 5; serine/threonine-protein kinase aurora-B; EC 2.7.11.1
<b>Gene ID</b>	<a href="#">9212</a>
<b>mRNA Refseq</b>	<a href="#">NM_004217</a>
<b>Protein Refseq</b>	<a href="#">NP_004208</a>
<b>MIM</b>	<a href="#">604970</a>
<b>UniProt ID</b>	<a href="#">Q96GD4</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Purity**



The purity of AURORA B (D200A) was determined to be > 70% by densitometry.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA