

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.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

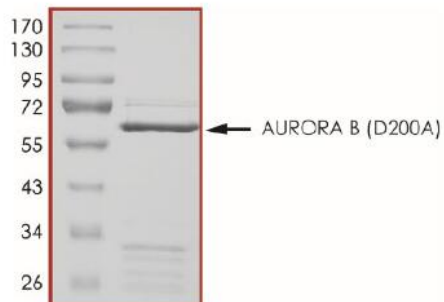
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Concentration	0.1 µg/µL
Storage Buffer	Recombinant protein stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 25% glycerol.
Shipping	Dry ice
GENE INFORMATION	
Gene Name	AURKB aurora kinase B [Homo sapiens (human)]
Official Symbol	AURKB
Synonyms	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
Gene ID	9212
mRNA Refseq	NM_004217
Protein Refseq	NP_004208
MIM	604970
UniProt ID	Q96GD4

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Purity

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

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