

## Recombinant Human AURORA C (N-GST tag)

Cat No:HR2R1165

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	AURORA C
Gene ID	N/A
Accession	NM_003160
Alternative Name	AURKC, AIE2, AIK3, AurC, STK13, aurora-C
Species	Human
Source	Insect cells
Description	Aurora C is a member of mitotic serine/threonine kinases that regulate centrosome maturation, chromosome segregation, and cytokinesis. Aurora C has been shown to contribute to oncogenic transformation and is frequently overexpressed and amplified in many human tumors . Aurora C overexpression has been correlated with centrosome amplification, which can be a driving cause of genomic instability in tumor cells. Aurora C is an important regulator of both genomic integrity and cell cycle progression in cancer cells and is an attractive target for anticancer drug development .
Functions	The specific activity of AURORA C was determined to be 65 nmol /min/mg as per activity assay protocol
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	61
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. 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.