

## Recombinant Mouse AURORA A (N-GST tag)

Cat No:HR2R2078

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	AURORA A
Gene ID	N/A
Accession	NM_011497
Alternative Name	IAK; Ark1; Ayk1; STK6; AIRK1; AU019385; AW539821; STK15; AURKA; AIK; AURA; BTAK; AURORA2
Species	Mouse
Source	Insect cells
Description	AURORA A belongs to a multigenic family of mitotic serine/threonine kinases which are involved in the control of chromosome segregation. AURORA A is involved in centrosome separation, duplication and maturation as well as in bipolar spindle assembly and stability . AURORA A is expressed and active at the highest level during G2-M phase of the cell cycle. Overexpression of AURORA A has been found to be correlated with the grade of various human solid tumours. Ectopic AURORA A overexpression in any culture cell line leads to polyploidy and centrosome amplification .
Functions	The specific activity of AURORA A was determined to be 69 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	71
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.