# Recombinant Mouse AURORA A (N-GST tag)

**Cat No:HR2R2078**

For research use only

## Overview

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| 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. |