

Product: Aurora A, active
Catalog #: 02-2068
Amount: 5 µg

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 (1).
The gene accession number is **NM011497**.
Gene Aliases: AURKA, STK6; STK15; AIK; ARK1; AURA; BTAK; AURORA2

SOURCE: Recombinant full-length mouse AURORA A was expressed in Sf9 cells using an N-terminal GST tag

MOLECULAR WEIGHT: 71 kDa

PURITY: > 90% (by densitometry)

FORM: Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol

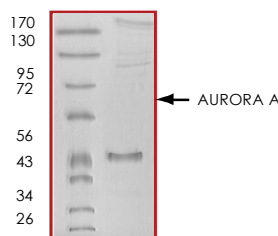
CONCENTRATION: 0.1 mg/ml

SPECIFIC ACTIVITY: 69 nmol/mim/mg

STORAGE: -70°C (aliquot). AVOID repeated Freeze/thaw cycles

REFERENCE:

1. Dutertre, S. et al: On the role of aurora-A in centrosome function. *Oncogene*. 2002 Sep 9;21(40):6175-83
2. Katayama, H. et al: The Aurora kinases: role in cell transformation and tumorigenesis. *Cancer Metastasis Rev*. 2003 Dec;22(4):451-64



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