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Aurora Kinase B, 1- 344 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP01281

第三版

别名: Serine/threonine-protein kinase 12, Aurora-B, AIK2, AIM1, ARK2, AurB, aurkb-sv1, aurkb-sv2, IPL1, STK12.

描述: Aurora Kinase B is a member of a family of mitotic serine/threonine kinases. Aurora Kinase B associates with chromosomes during prophase prior to relocating to the spindle at anaphase. Aurora Kinase B regulates chromosome segregation through the control of microtubule-kinetochore attachment and cytokinesis.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 0.5mM DTT, 20% glycerol, 0.1mM EDTA, 0.1mM EGTA, 0.1M NaCl, 0.1mM PMSF

分子量: 41.4 kDa (364aa)

序列:

MGSSHHHHHHSSGLVPRGSHMAQKENSYPWPYGRQTAPSGLSTLPQRVLRKEPVTPSALVLMRSRNVQPTAAPGQKVM
ENSSGTPDILTRHFTIDDFEIGRPLGKGFVYLAAREKKSHFIVALKVLFSQIEKEGVEHQLRREIEIQAHLHHPNLRRLYN
YFYDRRRIYLILEYAPRGELYKELQKSCTFDEQRTATIMEELADALMYCHGKKVIHRDIKPENLLLGLKGELKIADFGWSVH
APSLRRKTMCGTLDYLPPEMIEGRMHNEKVDLWCIGVLCYELLVGNPPFESASHNETYRRIVKVDLKFASVPMGAQDLIS
KLLRHNP SERLPLAQVSAHPWVRANSRRVLPPSALQSVA

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.