

RPPB2441

Product Information Protein Information

Product SKU:

RPPB2441

Accession:

O14965

Host:

Escherichia Coli.

Protein description:

AURKA Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 423 amino acids (1-403) and having a molecular mass of 47.9kDa. AURKA is fused to 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Serine/threonine-protein kinase 6, Aurora kinase A, Serine/threonine kinase 15, Aurora/IPL1-related kinase 1, Breast tumor-amplified kinase, Aurora-A, Aurora-related kinase 1, hARK1, AURKA, AIK, ARK1, AURA, BTAK, STK15, STK6, STK7, STK15, AURORA2, MGC34538.

Formulation:

The AURKA solution containing 20mM Tris-HCl buffer (pH 8.0), 0.5mM DTT, 100mM NaCl, 0.1mM EDTA, 0.1mM EGTA, 0.1mM PMSF and 20% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

AURKA although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SGLVPRGSH MDRSKENCIS GPVKATAPVG GPKRVLVTQQ FPCQNPLPVN SGQAQRVLCPC
SNSSQRIPLQ AQKLVSSHKP VQNQKQKQLQ ATSVPHVPSR PLNNTQKSKQ PLPSAPENNP EEELASKQKN
EESKKRQWAL EDFEIGRPLG KGKFGNVYLA REKQSKFILALKVLFKAQLE KAGVEHQLRR EVEIQSHLRH
PNILRLYGYF HDATRVYLIL EYAPLGTVYR ELQKLSKFDE QRTATYITEL ANALSYCHSK RVIHRDIKPE
NLLLSGAGEL KIADFGWSVH APSSRRTTLC GTLDYLPPEM IEGRMHDEKV DLWSLGVLCY EFLVGKPPFE
ANTYQETYKRISRVFTFPD FVTEGARDLI SRLKHNPSQ RPMLREVLEH PWITANSSKP SNCQNKESAS KQS.