

Aurora Kinase A Human Recombinant

Item Number	rAP-0853
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, MGC3453
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.
Uniprot Accession Number	O14965
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MDRSKENCIS GPVKATAPVG GPKRVLVTQQ FPCQNPLPVN SGQAQRVLCPL SNSSQRIPLQ AQKLVSSHKP VQNQKQKQLQ ATSVPHVSR PLNNTQKSKQ PLPSAPENNP EEELASKQKN EESKKRQWAL EDFEIGRPLG KGKFGNVYLA REKQSK- FILALKVLFKAQLE KAGVEHQLRR EVEIQSHLRH PNILRLYGYF HDATRVYLIL EYAPLGTVYR EL- QKLSKFDE QRTATYITEL ANALSYCHSK RVIHRDIKPE NLLLSGAGEL KIADFGWSVH APSSRRTTLC
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	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. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**