

Aurora Kinase B Human Recombinant

Item Number	rAP-0854
Synonyms	Serine/threonine-protein kinase 12, Aurora kinase B, Serine/threonine-protein kinase aurora-B, Aurora- and Ipl1-like midbody-associated protein 1, Aurora/IPL1-related kinase 2, Aurora-related kinase 2, AIM-1, ARK-2, STK-1, AURKB, AIK2, AIM1, ARK2, STK12,
Description	AURKB Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 364 amino acids (1-344) and having a molecular mass of 41.4kDa. AURKB is fused to 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96GD4
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAQKENSYPW PYGRQTAPSG LSTLPQRVLR KEPVTPSALV LMSRSNVQPT AAGGQKVMEN SSGTPDILTR HFTIDDFEIG RPLGKGKFGN VYLAREKKSH FIVALKVLFK SQIEKEGVEH QLRREIEIQA HLHHPNLRRL YNYFYDRRRI YLILEYAPRG ELYKELQKSC TFDEQRTATI MEELADALMY CHGKKVIHRD IKPENLLLGL KGELKIADFG WSVHAPSLRR KTMCGTLDYL PPEMIEGRMH NEKVDLWCIG VLCYELLVGN PPFESASHNE TYRRIVKVDL KFPASVPMGA QDLISK-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. AURKB 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 AURKB solution containing 20mM Tris-HCl buffer (pH8.0), 0.5mM DTT, 20% glycerol, 0.1mM EDTA, 0.1mM EGTA, 0.1M NaCl and 0.1mM PMSF. Greater than 90.0% 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**