

Adenosine Kinase Human Recombinant

Item Number	rAP-0835
Synonyms	Adenosine 5'-phosphotransferase, EC 2.7.1.20, AK, ADK.
Description	Adenosine Kinase Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 362 amino acids (22-362a.a.) and having a molecular mass of 40.5 kDa. Adenosine Kinase protein is fused to a 21 amino acid His tag at N-terminus and is purified by standard
Uniprot Accession Number	P55263
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MRENILFGMG NPLLDISAVV DKDFLDKYSL KPNDQILAED KHKELF- DELV KFKVEYHAG GSTQNSIKVA QWMIQPHKA ATFFGCIGID KFGEILKRKA AEAHVDAHYY EQNEQPTGTC AACITGDNRS LIANLAAANC YKKEKHLBLE KNWMLVEKAR VCYIAGFFLT VSPEVLKVA HHAENNRIF TLNLSAPFIS QFYKESLMKV MPYVDILFGN ETEAATFARE QGFETKDIKE IAKKTQALPK MNSKRQRIVI FTQGRDDTIM ATESEVTAFV VLDQDQKEII DTNGAGDAFV GGFLSQLVSD
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	ADK protein solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA, 50mM NaCl & 20% glycerol. Greater than 95% 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**