

## Adenylate Kinase-3 Like 1 Human Recombinant

<b>Item Number</b>	rAP-0834
<b>Synonyms</b>	AK3, Adenylate kinase 3 alpha like 1, AK3L1, AK4.
<b>Description</b>	AK3L1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 259 amino acids (1-223) and having a molecular mass of 29.3 kDa. The AK3L1 is fused with 35 amino acid His-tag at N-terminus. AK3L1 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q6IBH4
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASK LLRAVILGPP GSGKGTVSQR IAQNFGQLQHL SSGHFLRENIKASTEVGEMA KQYIEKSLV PDHVITRLMM SELENRRGQH WLLDGFPRTL GQAEALDKIC EVDLVISLNI PFETLKDRLS RRWIHPPSGR VYNLDFNPPH VHGIDDTVGE PLVQQEDDKP EAVAARLRQY KDVAKPVEL YKSRGVLHQF SGTETNKIWP YVYTLFSNKI TPIQSKEAY.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	AK3L1 solution containing 20mM Tris pH-8, 2mM DTT and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**