

Adenylate Kinase-3 Like 1 Human Recombinant

Item Number	rAP-0834
Synonyms	AK3, Adenylate kinase 3 alpha like 1, AK3L1, AK4.
Description	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.
Uniprot Accesion Number	Q6IBH4
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASK LLRAVILGPP GSGKGTVSQR IAQNFGQLQHL SSGHFLRENIKASTEVGEMA KQYIEKSLLV PDHVITRLMM SELENRRGQH WLLDGFPRTL GQAEALDKIC EVDLVISLNI PFETLKDRRLS RRWIHPPSGR VYNLDFNPPH VHGGDDVTGE PLVQQEDDKP EAVAARLRQY KDVAKPVIEL YKSRGVLHQF SGTETNKIWP YYVTLFSNKI TPIQSKEAY.
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	AK3L1 solution containing 20mM Tris pH-8, 2mM DTT 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 end users! This product is sold for **Research Use Only**