

# Human AK4 Recombinant Protein



RPPB2433

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## Product Information    Protein Information

**Product SKU:**

RPPB2433

**Accession:**

P27144

**Host:**

Escherichia Coli.

**Protein description:**

AK4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 243 amino acids (1-223a.a.) and having a molecular mass of 27.4kDa. AK4 protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Adenylate Kinase 4, AK3, Adenylate Kinase 3-like 1, AK3L1, ATP-AMP transphosphorylase, Adenylate Kinase 3, GTP:AMP phosphotransferase, mitochondrial adenylate kinase-3, AK3L2, MGC166959, EC 2.7.4.3.

**Formulation:**

AK4 Human solution (1mg/1ml) containing 20mM Tris-HCl pH-8, 2mM DTT, 0.1M NaCl, and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHH SGLVPRGSH MASKLLRAVI LGPPGSGKGT VCQRIQNFG LQHLSSGHFL RENIKASTE  
V GEMAKQYIEK SLLVPDHVIT RLMMSELENR RGQHWLLDGF PRTLQQAEL DKICEVDLVI SLNIPFETLK  
DRLSRRWIHP PSGRVYNLDF NPPHVHGIDD VTGEPLVQQE DDKPEAVAAR LRQYKDVAKP VIELYKSRGV  
LHQFSGTETN KIWPVYVTLF SNKITPIQSK EAY