

Human AK4 / Adenylate Kinase 4 / AK3L1 recombinant protein



Catalog Number: 501841

General Information

Gene Name Synonym:

Adenylate kinase 3-like; GTP:AMP phosphotransferase AK4

Protein Construction:

A DNA sequence encoding the human AK4 (P27144-1) (Ala 2-Tyr 223) was expressed and purified with two additional amino acids (Gly & Pro) at the N-terminus.

Source:Human

Expression Host:Baculovirus-Insect Cells

QC Testing

Activity:

Kinase activity untested

Purity:

> 95 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per μg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal:

Gly

Molecular Mass:

The secreted recombinant human AK4 consists of

224 amino acids and predicts a molecular mass of 25.3 KDa. The apparent molecular mass of the protein is approximately 27 KDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation:

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

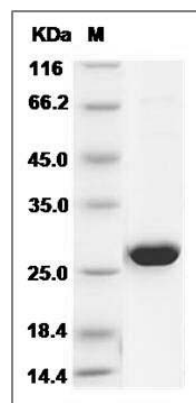
Storage:

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution:

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE:



Human AK4 / Adenylate Kinase 4 / AK3L1 Protein SDS-PAGE