

Rat AK1 / Adenylate kinase 1 (His Tag) recombinant protein



Catalog Number: 501383

General Information

Gene Name Synonym

ATP-AMP transphosphorylase 1; ATP:AMP phosphotransferase; Adenylate monophosphate kinase; Myokinase

Protein Construction

A DNA sequence encoding the rat Ak1 (NP_077325.2) (Met1-Lys194) was expressed with a polyhistidine tag at the N-terminus.

Organism

Rat

Expression Host

E. coli

QC Testing

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Met

Molecular Mass

The recombinant rat Ak1 consists 212 amino acids and predicts a molecular mass of 23.8 kDa.

Formulation

Lyophilized from sterile PBS, 10 % glycerol.

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

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

Usage Guide

Storage

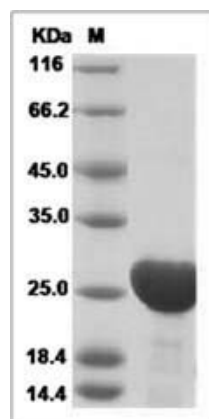
Store it under sterile conditions at -20°C to -80°C.

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



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