Human AK4 / Adenylate Kinase 4 / AK3L1 Protein (His & GST Tag)

Catalog Number: 12406-H20B

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

RP4-686B20.1, AK3, AK3L1, AK3L2, MGC166959

Protein Construction:

A DNA sequence encoding the human AK4 (P27144-1) (Ala 2-Tyr 223) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Source: Human

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 94 % as determined by SDS-PAGE

Bio-Activity:

Kinase activity untested

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 ℃

Predicted N terminal: Met

Molecular Mass:

The recombinant human AK4/GST chimera consists of 460 amino acids and has a calculated molecular mass of 53 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

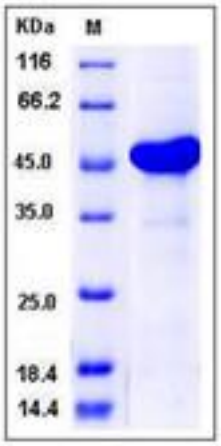
Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.