

Mouse PKM2 (His Tag) recombinant protein



Catalog Number: 501670

General Information

Gene Name Synonym

Pyruvate kinase muscle isozyme

Protein Construction

A DNA sequence encoding the mouse PKM (NP_001240812.1) (Pro2-Pro531) was expressed with a polyhistidine tag at the N-terminus.

Organism

Mouse

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Kinase activity untested

Purity

> 90 % 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

His

Molecular Mass

The recombinant mouse PKM consists of 548 amino acids and predicts a molecular mass of 60 KDa. It migrates as an approximately 59 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, 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

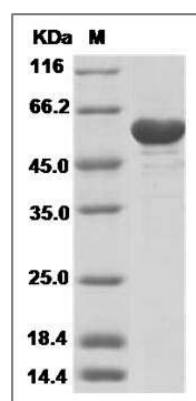
Storage

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



Mouse PKM2 / OIP3 Protein (His Tag) SDS-PAGE