

General Information

Gene Name Synonym

Cytosolic thyroid hormone-binding protein; Opa-interacting protein 3; Pyruvate kinase 2/3; Pyruvate kinase muscle isozyme; Thyroid hormone-binding protein 1; Tumor M2-PK; p58

Protein Construction

A DNA sequence encoding the human PKM2 isoform M2 (P14618-1) (Ser 2-Pro 531) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Kinase activity untested

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 human PKM2 consisting of 541 amino acids and migrates as an approximately 59 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Supplied as sterile PBS, pH 7.0, 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

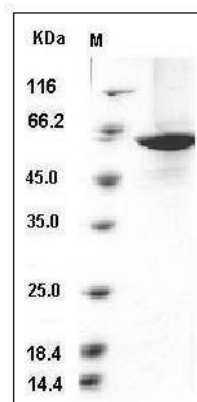
Storage

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



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