

Mouse Glypican 3/GPC3/OCI-5 (His Tag) recombinant protein



Catalog Number: 502420

General Information

Protein Construction

A DNA sequence encoding the mouse GPC3 (NP_057906.2) (Met1-Pro558) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Measured by its ability to bind biotinylated human FGF basic (Cat:502055) in a functional ELISA.

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

Gln 25

Molecular Mass

The recombinant mouse GPC3 comprises 544

amino acids and has a predicted molecular mass of 62 kDa. The apparent molecular mass of the protein is approximately 62 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

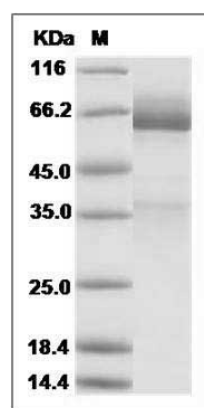
Storage

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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