

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



Catalog Number: 502725

## General Information

### Gene Name Synonym

GTR2-2; Intestinal protein OCI-5; MXR7; Secreted glypican-3

### Protein Construction

A DNA sequence encoding the human GPC3 (P51654-1) (Met 1-His 559) was expressed, with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized human GPC3 at 5 µg/ml (100 µl/well) can bind human bFGF / FGF2 with a linear ranger of 0.156-2.5 ng/ml.

### Purity

> 87 % 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 & Ser 359

### Molecular Mass

The secreted recombinant human GPC3 comprises 546 amino acids and has a predicted molecular mass of 62 kDa.

### Formulation

Lyophilized from sterile PBS, 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

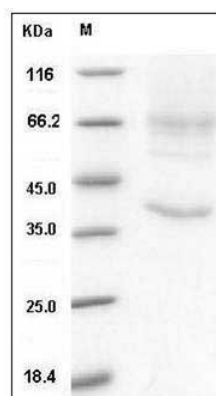
### Storage

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



Human Glypican 3 / GPC3 / OCI-5 Protein (His Tag) SDS-PAGE