

## Active Recombinant Mouse Gpc3, His-tagged

**Cat. No.** Gpc3-506M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the mouse GPC3 (NP_057906.2) (Met1-Pro558) was expressed with a C-terminal polyhistidine tag.                                                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                           |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Met1-Pro558                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                            |
| <b>Bio-activity</b>     | Measured by its ability to bind biotinylated human FGF basic in a functional ELISA.                                                                                                                             |
| <b>Molecular Mass</b>   | 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 33-37 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                 |
| <b>Purity</b>           | >95 % as determined by SDS-PAGE                                                                                                                                                                                 |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C                                                                                                                                        |
| <b>Storage</b>          | Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                             |

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**Reconstitution**      Hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Gene Name**      [Gpc3 glypican 3 \[ Mus musculus \]](#)

**Official Symbol**      Gpc3

**Synonyms**      GPC3; glypican 3; glypican-3; OCI-5;

**Gene ID**      [14734](#)

**mRNA Refseq**      [NM\\_016697](#)

**Protein Refseq**      [NP\\_057906](#)

**Function**      heparan sulfate proteoglycan binding; peptidase inhibitor activity; peptidyl-dipeptidase inhibitor activity; protein binding;

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