

## Active Recombinant Rat GPC3 protein, His-tagged

Cat. No. GPC3-1305R Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat GPC3 protein(Gln 25 - Met 557), fused with His tag, was expressed in HEK293.                                                                                                                                                                                                             |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | Gln25-Met557                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.                                                                                                                                                                                                                   |
| <b>Bio-activity</b>     | Immobilized Rat Glypican 3, His Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human FGF basic, Avitag,His Tag with a linear range of 0.6-20 ng/mL.                                                                                                                                                  |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 62.4 kDa.                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | For long term, the product should be stored at lyophilized state at -20°C or lower.Please protect from light and avoid repeated freeze-thaw cycles.This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Gpc3 glypican 3 \[ Rattus norvegicus \]](#)

**Official Symbol** [GPC3](#)

**Synonyms** GPC3; glypican 3; glypican-3; proteoglycan GPC3; intestinal protein OCI-5; defective in Simpson-Golabi-Behmel overgrowth syndrome; OCI-5; MGC93606;

**Gene ID** [25236](#)

**mRNA Refseq** [NM\\_012774](#)

**Protein Refseq** [NP\\_036906](#)

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