

# Recombinant Rat Gpc3 protein, His-tagged

**Cat. No.** GPC3-2633R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Gpc3(Ile344~Ser559) fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                  |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Ile344~Ser559                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Gpc3 played an important role in many functions.                                                                                                                                                                                                                |
| <b>Form</b>             | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.                                                                                                                                                         |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 28.1kDa;<br>Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                             |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                            |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.<br>(May be suitable for use in other assays to be determined by the end user.)                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is |

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less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles.  
Store at 2-8 centigrade for one month.  
Aliquot and store at -80 centigrade for 12 months.

**Concentration**

200µg/mL

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.

## 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

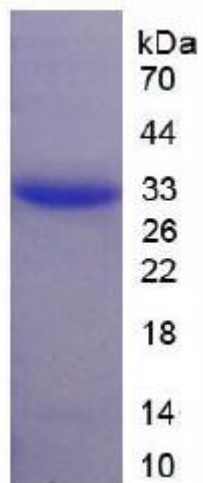
**UniProt ID**

P13265

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