

## Active Recombinant Human GPC3 Protein(495S/A), hFc-tagged, Endotoxin-Free

Cat. No. GPC3-138H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human GPC3 Protein(NP_004475.1, with mutation Ser 495 Ala) (Met1-Ser550) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-550 aa                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | The recombinant human GPC3 consists of 764 amino acids and predicts a molecular mass of 86.46 kDa.                                                                                                                                              |
| <b>Endotoxin</b>        | < 0.5 EU per mg protein.                                                                                                                                                                                                                        |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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. |
| <b>Reconstitution</b>   | 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

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|                        |                                                                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GPC3 glypican 3 [ Homo sapiens ]                                                                                                                                                               |
| <b>Official Symbol</b> | GPC3                                                                                                                                                                                           |
| <b>Synonyms</b>        | GPC3; glypican 3; SDYS; glypican-3; DGSX; glypican proteoglycan 3; OCI 5; SGB; SGBS; SGBS1; secreted glypican-3; intestinal protein OCI-5; heparan sulphate proteoglycan; MXR7; OCI-5; GTR2-2; |
| <b>Gene ID</b>         | 2719                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001164617                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_001158089                                                                                                                                                                                   |
| <b>MIM</b>             | 300037                                                                                                                                                                                         |
| <b>UniProt ID</b>      | P51654                                                                                                                                                                                         |

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