

## Recombinant Human GPC3 protein, His-tagged, Biotinylated

Cat. No. GPC3-2551HB Lot. No. (See product label)

### SPECIFICATION

|                             |   |
|-----------------------------|---|
| <b>Product Overview</b>     | Recombinant Human GPC3 protein (P51654-1) (Met1-His559), fused with a C-terminal polyhistidine tag, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.  |
| <b>Species</b>              | Human   |
| <b>Source</b>               | HEK293  |
| <b>ProteinLength</b>        | 1-559 a.a.  |
| <b>Predicted N Terminal</b> | Gln 25  |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.  |
| <b>Molecular Mass</b>       | The recombinant GPC3 consists of 546 amino acids and predicts a molecular mass of 62.2 kDa.   |
| <b>Endotoxin</b>            | < 1.0 EU per µg protein as determined by the LAL method.  |
| <b>Purity</b>               | > 85 % as determined by SDS-PAGE.   |
| <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. |

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|-------------------------|---|
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.  |
| <b>Shipping</b>         | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |
| <b>Conjugation</b>      | Biotin  |
| <b>GENE INFORMATION</b> |   |
| <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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