

## Recombinant Human GPC3 protein, VLP

Cat. No. GPC3-1423H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human GPC3 protein(P51654-1)(Gly510-Asn554) was expressed in E.coli.                                                                                                        |
| Species          | Human                                                                                                                                                                                   |
| ProteinLength    | Gly510-Asn554                                                                                                                                                                           |
| Tag              | N/A                                                                                                                                                                                     |
| Form             | Supplied as 0.22µm filtered solution in 20mM HEPES, 500mM NaCl, 10% glycerol, 0.1% Tween20 (pH 7.7).                                                                                    |
| Bio-activity     | Immobilized Human GPC3 VLP at 5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-GPC3 Antibody, hFc Tag with the EC50 of 3.3ng/ml determined by ELISA.                      |
| Molecular Mass   | The protein has a predicted MW of 14 kDa.                                                                                                                                               |
| Endotoxin        | Less than 1EU per µg by the LAL method.                                                                                                                                                 |
| Purity           |                                                                                                                                                                                         |
| Storage          | Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles. |

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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 [ Homo sapiens ]

**Official Symbol** GPC3

**Synonyms**

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;

**Gene ID** 2719

**mRNA Refseq** NM\_001164617

**Protein Refseq** NP\_001158089

**MIM** 300037

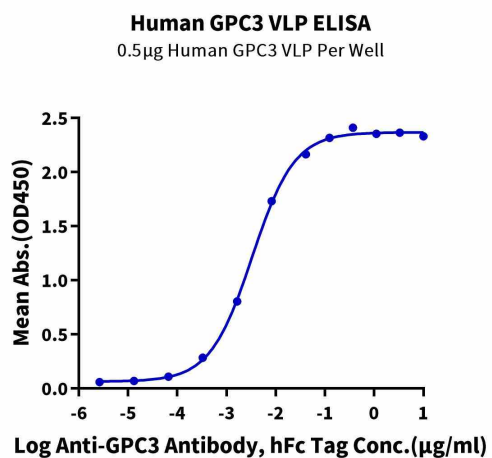
**UniProt ID** P51654

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## ELISA



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