

Active Recombinant Human GPC3 Transmembrane protein(VLPs)

Cat. No. GPC3-765H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GPC3 Transmembrane protein(VLPs)(P51654-1)(Gly510-Asn554) is expressed from E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly510-Asn554
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 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-GPC3 Antibody, hFc Tag with the EC50 of 20.2ng/ml determined by ELISA.
Molecular Mass	The target protein has a predicted MW of 14 kDa.
Endotoxin	Less than 1EU per µg by the LAL method.
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 minimize 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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