

Active Recombinant Human GPC3 protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Active Recombinant Human GPC3 protein(P51654-1)(Gln25-His559) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	25-559 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human GPC3, His Tag at 1 µg/ml (100µl/Well). Dose response curve for Anti-GPC3 Antibody, hFc Tag with the EC50 of 4.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 61.6 kDa. Due to furin-like convertase cleavage site and glycosylation, the protein migrates to 30-31 kDa, 38-42 kDa and 65-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

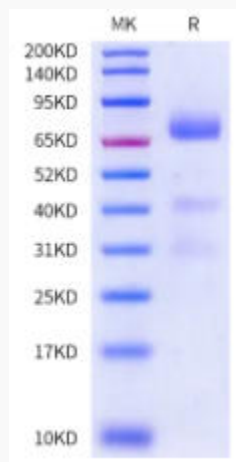
UniProt ID P51654

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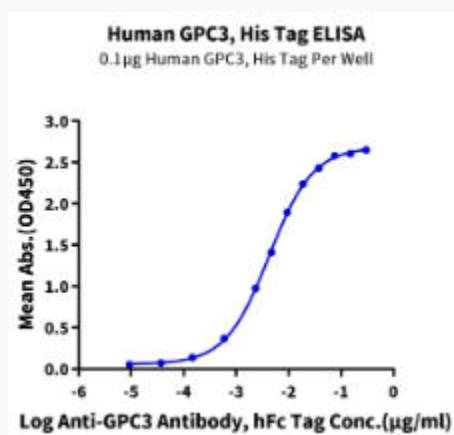
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Bis-Tris PAGE



ELISA Data



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