

Active Recombinant Human GPC3, Fc-tagged, Biotinylated

Cat. No. GPC3-619H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human GPC3 extracellular or ecto-domain (ECD) is expressed as a 762 amino acid protein consisting of Gln25-Val558 region of GPC3 (Uniprot accession# P51654-3) and a C-terminal Fc fusion from human IgG1, which exists as multiple proteolytically processed species under reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	25-558 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier and preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds human FGF-basic/FGF2 in a functional ELISA.
Molecular Mass	Calculated molecular mass (kDa): 86.2; Estimated by SDS-PAGE under reducing condition (kDa): 3 major bands at 40, 60 and 95-125 kDa.
Endotoxin	<0.1 eu="" per="" 1="" μg="" of="" purified="" recombinant="" protein="" determined="" by="" the="" lal="">
Purity	>90% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before

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opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation Biotin

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

Chromosome Location Xq26

Pathway Glypican 3 network, organism-specific biosystem; Glypican pathway, organism-

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	specific biosystem;
Function	heparan sulfate proteoglycan binding; peptidyl-dipeptidase inhibitor activity; protein binding;

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