

Active Recombinant Human GPC3, Fc-tagged

Cat. No. GPC3-620H **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).
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 opening the vial. It is recommended to store small aliquots at the temperature below

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–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.

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

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binding;

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