

## Active Recombinant Human GPC3, Fc-tagged

**Cat. No.** GPC3-620H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	25-558 a.a.
<b>Form</b>	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier and preservative free).
<b>Bio-activity</b>	Binds human FGF-basic/FGF2 in a functional ELISA.
<b>Molecular Mass</b>	Calculated molecular mass (kDa): 86.2; Estimated by SDS-PAGE under reducing condition (kDa): 3 major bands at 40, 60 and 95-125 kDa.
<b>Endotoxin</b>	<0.1 eu per 1 μg of purified recombinant protein determined by the lal>
<b>Purity</b>	>90% judged by SDS-PAGE under reducing condition
<b>Storage</b>	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

<b>Gene Name</b>	GPC3 glypican 3 [ Homo sapiens ]
<b>Official Symbol</b>	GPC3
<b>Synonyms</b>	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;
<b>Gene ID</b>	2719
<b>mRNA Refseq</b>	NM_001164617
<b>Protein Refseq</b>	NP_001158089
<b>MIM</b>	300037
<b>UniProt ID</b>	P51654
<b>Chromosome Location</b>	Xq26
<b>Pathway</b>	Glypican 3 network, organism-specific biosystem; Glypican pathway, organism-specific biosystem;
<b>Function</b>	heparan sulfate proteoglycan binding; peptidyl-dipeptidase inhibitor activity; protein

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binding;

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