

Recombinant Human GPC3 Protein, C-6His-Avi-tagged, Biotinylated, Endotoxin-Free

Cat. No. GPC3-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPC3 Protein(P51654-1) (Met1-His559) was expressed in HEK293 with a C-terminal polyhistidine tag followed by an AVI tag. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.
Species	Human
Source	HEK293
ProteinLength	1-559 aa
Conjugation/Label	Biotin
Form	Supplied as sterile PBS, pH 7.4.
Molecular Mass	The recombinant Human GPC3 consists of 561 amino acids and predicts a molecular mass of 64.05 kDa. The band migrates approximately 70-75 kDa in the SDS-PAGE under reducing conditions.
Endotoxin	< 0.5 EU per mg protein.
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Concentration

0.1-1.0 mg/mL. 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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