

Active GMP Recombinant Human GPC3 protein

Cat. No. GPC3-551HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human GPC3 protein(NP_004475.1)(534 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human GPC3(NCBI Reference Sequence: NP_004475.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized GPC3 protein (His tag) is 1ug/mL (100uL/well), and the linear binding range that can bind to Anti-human GPC3 antibody is 0.05-5ng/mL.
Molecular Mass	Human GPC3 Protein contains 534 aa. It has a predicted MW of 62.4 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. 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; OCI5; Glypican-3; GTR2-2; MXR7; DGSX; SDYS; SGB; SGBS; SGBS1

Gene ID 2719

mRNA Refseq NM_001164617

Protein Refseq NP_001158089

MIM 300037

UniProt ID P51654

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