

Active Recombinant Human GPC3 Protein, His-tagged, Site-specific APC-Labeled

Cat. No. GPC3-4663H Lot. No. (See product label)

SPECIFICATION

Product Overview	Site-specific APC-Labeled Active Recombinant Human GPC3 Protein(P51654-1)(Gln 25 - His 559), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 25 - His 559
Tag	C-His
Conjugation/Label	Site-specific APC
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
Bio-activity	5e5 of anti-GPC3 CAR-293 cells were stained with 100 µL of 1:25 dilution (4 µL stock solution in 100 µL FACS buffer) of APC-Labeled Human Glypican 3, His Tag and negative control protein respectively. APC signal was used to evaluate the binding activity.
Molecular Mass	The protein has a calculated MW of 64.5 kDa.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower.
 Please protect from light and avoid repeated freeze-thaw cycles.
 This product is stable after storage at:
 -20°C to -70°C for 12 months in lyophilized state;
 -70°C for 6 months under sterile conditions after reconstitution.

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; 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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