Active Recombinant Rat GPC3 protein, His-tagged

Cat. No. GPC3-1305R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat GPC3 protein(Gln 25 - Met 557), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Gln25-Met557
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Rat Glypican 3, His Tag at 2 μg/mL (100 μL/well) can bind Biotinylated Human FGF basic, Avitag,His Tag with a linear range of 0.6-20 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 62.4 kDa.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please protect from light and avoid repeated freeze-thaw cycles.This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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 [Rattus norvegicus]
Official Symbol	GPC3
Synonyms	GPC3; glypican 3; glypican-3; proteoglycan GPC3; intestinal protein OCI-5; defective in Simpson-Golabi-Behmel overgrowth syndrome; OCI-5; MGC93606;
Gene ID	25236
mRNA Refseq	NM_012774
Protein Refseq	NP_036906

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