

## Active Recombinant Mouse GPC3 protein, Fc-tagged

Cat. No. GPC3-1516M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse GPC3 protein(Gln25-Met557), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	25-557 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human FGF basic, premium grade at 2 µg/mL (100 µL/well) can bind Mouse Glypican 3, Fc Tag with a linear range of 1-10 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus. This protein contains a furin-like convertase cleavage site, 354-RQYR-357, and will be partially processed into N and C-terminal fragment with calculated MW of 38.0 kDa and 49.1 kDa respectively. The protein migrates as 40 kDa, 60 kDa and 100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Gln25-Met557
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

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<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower. Please 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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	Gpc3 glypican 3 [ Mus musculus ]
<b>Official Symbol</b>	GPC3
<b>Synonyms</b>	GPC3; glypican 3; glypican-3; OCI-5;
<b>Gene ID</b>	14734
<b>mRNA Refseq</b>	NM_016697
<b>Protein Refseq</b>	NP_057906

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