



Synonym

GPC3, OCI5, Glycan-3, GTR2-2, MXR7, DGSX, SDYS, SGB, SGBS, SGBS1

Source

Rat Glycan 3, His Tag(GP3-R52H7) is expressed from human 293 cells (HEK293). It contains AA Gln 25 - Met 557 (Accession # [P13265-1](#)).

Predicted N-terminus: Gln 25

Molecular Characterization

Glycan 3(Gln 25 - Met 557)	Poly-his
P13265-1	

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 62.4 kDa.

Endotoxin

Less than 1.0 EU per μ g by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 μ m filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

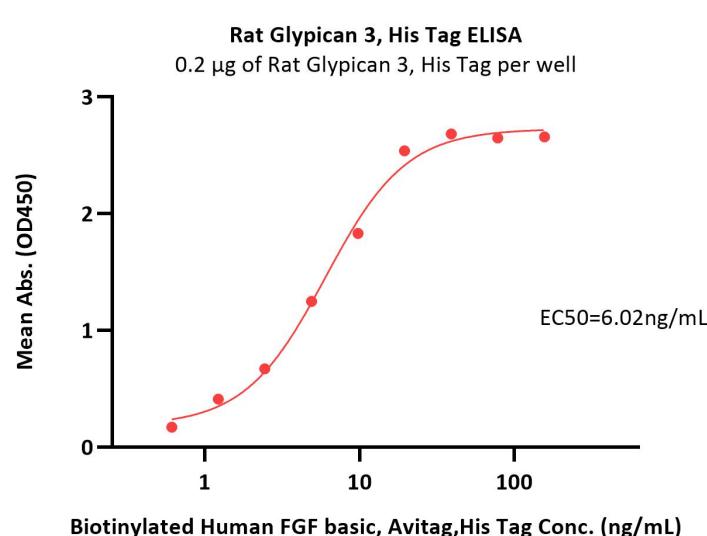
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please 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 3 months under sterile conditions after reconstitution.

Bioactivity-ELISA



Immobilized Rat Glycan 3, His Tag (Cat. No. GP3-R52H7) at 2 μ g/mL (100 μ L/well) can bind Biotinylated Human FGF basic, Avitag, His Tag (Cat. No. FGC-H81E3) with a linear range of 0.6-20 ng/mL (QC tested).

Background

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Rat Glycan 3 / GPC3 Protein, His Tag

Catalog # GP3-R52H7



BIOSYSTEMS
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Surprise Inside!

Glycan-3 (GPC3) is also known as Intestinal protein OCI-5, GTR2-2, MXR7, which belongs to the glycan family. Glycan 3 / GPC-3 is highly expressed in lung, liver and kidney. Glycan-3 inhibits the dipeptidyl peptidase activity of DPP4. Glycan-3 may be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs, and also may play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function.

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