

Rat Glypican 3 / GPC3 Protein, His Tag

Catalog # GP3-R52H7



BIOSYSTEMS
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Surprise Inside!

Synonym

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

Source

Rat Glypican 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

Glypican 3(Gln 25 - Met 557)
P13265-1

Poly-his

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 µg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm 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

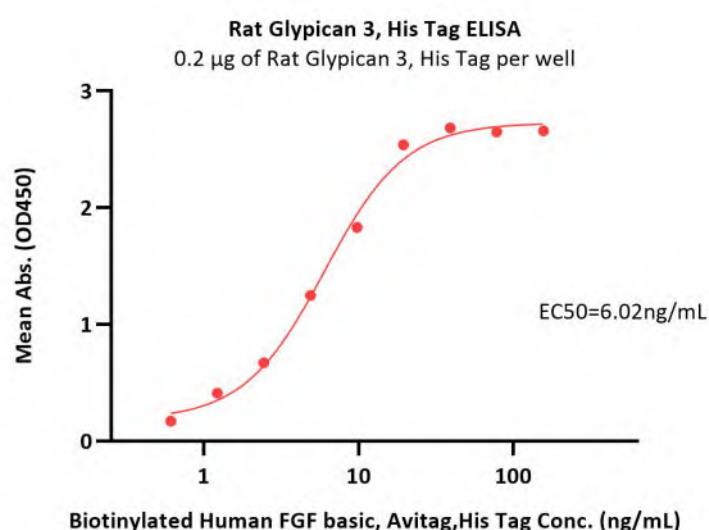
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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 Glypican 3, His Tag (Cat. No. GP3-R52H7) at 2 µg/mL (100 µL/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

Discounts, Gifts,
and more!



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Glypican-3 (GPC3) is also known as Intestinal protein OCI-5, GTR2-2, MXR7, which belongs to the glypican family. Glypican 3 / GPC-3 is highly expressed in lung, liver and kidney. Glypican-3 inhibits the dipeptidyl peptidase activity of DPP4. Glypican-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.

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.

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