

Active Recombinant Mouse Gpc3, His-tagged

Cat. No. Gpc3-506M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse GPC3 (NP_057906.2) (Met1-Pro558) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Pro558
Form	Lyophilized from sterile PBS, pH7.4.
Bio-activity	Measured by its ability to bind biotinylated human FGF basic in a functional ELISA.
Molecular Mass	The recombinant mouse GPC3 comprises 544 amino acids and has a predicted molecular mass of 62 kDa. The apparent molecular mass of the protein is approximately 33-37 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [Gpc3 glypican 3 \[Mus musculus \]](#)

Official Symbol Gpc3

Synonyms GPC3; glypican 3; glypican-3; OCI-5;

Gene ID [14734](#)

mRNA Refseq [NM_016697](#)

Protein Refseq [NP_057906](#)

Function heparan sulfate proteoglycan binding; peptidase inhibitor activity; peptidyl-dipeptidase inhibitor activity; protein binding;

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