

Active Recombinant Mouse GPC2 protein, His-tagged

Cat. No. GPC2-1533M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GPC2 protein(His22-Ser556), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	22-556 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Recombinant Human Midkine Protein, CF at 2 µg/mL (100 µL/well) can bind Mouse Glypican 2, His Tag with a linear range of 2-13 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 60.6 kDa. The protein migrates as 60-106 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His22-Ser556
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

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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.

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	Gpc2 glypican 2 (cerebroglycan) [<i>Mus musculus</i>]
Official Symbol	GPC2
Synonyms	GPC2; glypican 2 (cerebroglycan); glypican-2; 2410016G05Rik; MGC90563;
Gene ID	71951
mRNA Refseq	NM_172412
Protein Refseq	NP_766000

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