

Active Recombinant Human GPC2 protein, Fc-tagged

Cat. No. GPC2-1909H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPC2 protein(Ser 24 - Ser 553), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser24-Ser553
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human Glypican 2, Fc Tag on Protein A Biosensor, can bind Human FGF basic, premium grade with an affinity constant of 0.3 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 84.6 kDa. The protein migrates as 120k Da under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
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 protect from light and 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) [Homo sapiens]

Official Symbol GPC2

Synonyms

GPC2; glypican 2 (cerebroglycan); cerebroglycan; DKFZp547M109; FLJ38962; glypican proteoglycan 2; cerebroglycan proteoglycan;

Gene ID 2818

UniProt ID Q8N158

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