

Recombinant Human GPC1 protein, His-tagged

Cat. No. GPC1-2064H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPC1 protein(P35052-1)(Asp 24 - Ser 530), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp 24 - Ser 530
Tag	C-His
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human FGF basic, premium grade at 1 µg/mL (100 µL/well) can bind Human Glypican 1, His Tag with a linear range of 2-39 ng/mL.
Molecular Mass	The protein has a calculated MW of 58.0 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>85% as determined by SDS-PAGE.
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

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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	GPC1 glypican 1 [Homo sapiens]
Official Symbol	GPC1
Synonyms	GPC1; glypican 1; glypican-1; glypican; glypican proteoglycan 1; FLJ38078;
Gene ID	2817
mRNA Refseq	NM_002081
Protein Refseq	NP_002072
MIM	600395
UniProt ID	P35052

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