

Recombinant Human GPC1 protein, His-tagged

Cat. No. GPC1-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPC1 protein(P35052-1)(Asp24-Ser530), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp24-Ser530
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Glypican 1, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-Glypican 1 Antibody, hFc Tag with the EC50 of 21.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 57.1 kDa. Due to glycosylation, the protein migrates to 70-135 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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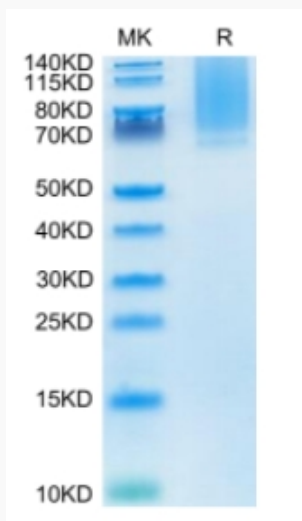
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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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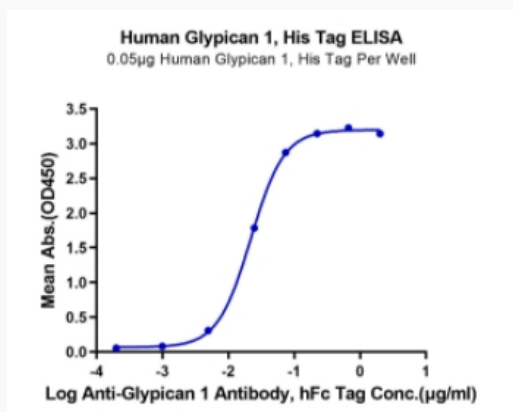
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Tris-Bis PAGE



ELISA Data



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