

Glypican 1 Recombinant Protein | GPC1 recombinant protein

Recombinant Human Glypican 1 Protein

CATALOG #
AAA281518

HOST
HEK293 Cells

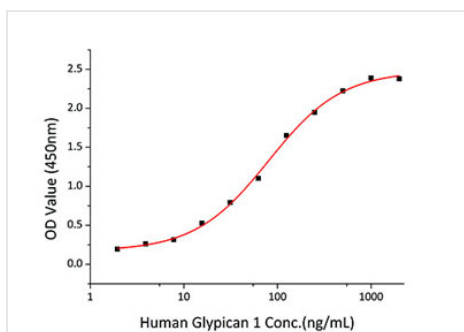
PRODUCT SYNONYMS

Glypican 1; Recombinant Human Glypican 1 Protein; GPC1; glypican; GPC1 recombinant protein

PRODUCT SPECIFICATIONS

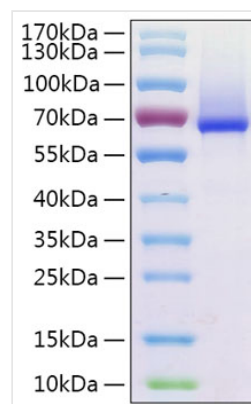
Host	HEK293 Cells
Purity/Purification	>97% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Sequence Length	558
Species	Human
Endotoxin	Please contact us for more information.
Bio-Activity	Measured by its binding ability in a functional ELISA. Immobilized Human FGF2 at 1 ug/mL (100 ?L/well) can bind Human Glypican 1 with a linear range of 2-80 ng/mL.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Tag	C-His
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

Immobilized recombinant Human FGF2 at 1 ug/mL (100 uL/well) can bind Human Glypican 1 with a linear range of 2-80ng/mL.



SDS-PAGE

Recombinant Human Glypican 1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60 kDa.

ADDITIONAL INFORMATION

Related Product Information for GPC1 recombinant protein	Description: Recombinant Human Glypican 1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp24-Gln527) of human Glypican 1 (Accession #NP_002072.1) fused with a 6xHis tag at the C-terminus. Background: Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation.
Product Categories/Family for GPC1 recombinant protein	Cytokines & Cytokine Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	167001141
NCBI GeneID	2817
NCBI Accession #	NP_002072.2
NCBI GenBank Nucleotide #	NP_002072.2
UniProt Accession #	P35052
NCBI Official Full Name	glypican-1
NCBI Official Synonym Full Names	glypican 1
NCBI Official Symbol	GPC1
NCBI Official Synonym Symbols	glypican
NCBI Protein Information	glypican-1
UniProt Protein Name	Glypican-1
UniProt Gene Name	GPC1
UniProt Entry Name	GPC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.