

Human CellExp™ Glypican 3 / GPC3, Cynomolgus Recombinant

CATALOG NO:	P1176-10	10 µg
	P1176-50	50 µg
ALTERNATE NAMES:	GPC3, OCI5, Glypican-3, GTR2-2, MXR7, DGSX, SDYS, SGB, SGBS, SGBS	
SOURCE:	HEK 293 cells (Gln 25 - His 559)	
PURITY:	> 85% by SDS – PAGE	
MOL. WEIGHT:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 62.7 kDa. The protein migrates as 66-150 kDa, 40 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1µg of protein (determined by LAL method)	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 50 µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage. Do not vortex. This solution can be stored at 2-8°C for up to 1 month.	
DESCRIPTION:	Glypican-3 (GPC3) is also known as Intestinal protein OCI-5, GTR2-2, MXR7, which belongs to the glypican family. Glypican 3 / GPC-3 is highly expressed in lung, liver and kidney. Glypican-3 inhibits the dipeptidyl peptidase activity of DPP4. Glypican-3 may be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs, and also may play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function.	
SPECIFIC ACTIVITY:	Immobilized Human FGF basic, Tag Free at 0.5 µg/mL (100 µl/well) can bind Cynomolgus Glypican 3, His Tag with a linear range of 1-20 ng/ml.	

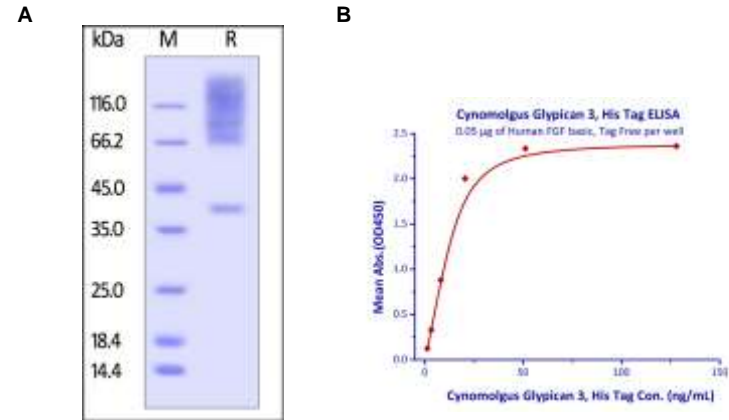


Fig. A. Cynomolgus Glypican 3 / GPC3, His Tag on SDS-PAGE under reducing (R) condition

Fig. B. Immobilized Human FGF basic, Tag Free at 0.5 µg/mL (100 µl/well) can bind Cynomolgus Glypican 3, His Tag with a linear range of 1-20 ng/ml.

RELATED PRODUCT:

- Human CellExp™ TNFRSF10B /TRAILR2, human recombinant (Cat. No. 7448-10)
- Human CellExp™ CD155, human recombinant (Cat. No. 7462-10, -50)
- Human CellExp™ CD160/BY55, human recombinant (Cat. No. 7386-10, -50)
- Human CellExp™ CD166/ ALCAM, human recombinant (Cat. No. 7437-10, -50)
- Human CellExp™ CD172A / SIRP, human recombinant (Cat. No. 7506-10, -50)
- Human CellExp™ CD33 / SIGLEC-3, human recombinant (Cat. No. 7370-10, -50)
- Human CellExp™ CD47, human recombinant (Cat. No. 7385-10, -50)
- Human CellExp™ CD55/DAF, human recombinant (Cat. No. 7432-10, -50)
- Human CellExp™ CD58 /LFA-3, human recombinant (Cat. No. 7427-10, -50)
- Human CellExp™ CD62E/E-Selectin, human recombinant (Cat. No. 7434-20, -100)
- Human CellExp™ CD71 / TFRC / TFR, human recombinant (Cat. No. 7279-10, -50)
- Human CellExp™ CD273, human recombinant (Cat. No. 7369-10, -50)
- Human CellExp™ CD36, human recombinant (Cat. No. 7371-10, -50)
- Human CellExp™ CD87, human recombinant (Cat. No. 7372-20, -100)

FOR RESEARCH USE ONLY! Not to be used on humans.