

Product datasheet for **TP726854**

Gpc1 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Glypican-1/Gpc1 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Asp24-Ser529
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Glypican-1 is produced by our Mammalian expression system and the target gene encoding Asp24-Ser529 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	14733
UniProt ID:	Q9QZF2
Synonyms:	Glypican-1;Gpc1
Summary:	Glypican-1 is a cell membrane protein and belongs to the glypican family. The protein may act as a catalyst in increasing the rate of conversion of prion protein PRPN(C) to PRNP(Sc) via associating (via the heparan sulfate side chains) with both forms of PRPN, targeting them to lipid rafts and facilitating their interaction. It is required for proper skeletal muscle differentiation by sequestering FGF2 in lipid rafts preventing its binding to receptors (FGFRs) and inhibiting the FGF-mediated signaling.



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