

Product datasheet for **TP724821**

GPC1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Glypican-1/GPC1 (N-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Asp24-Thr529
Tag:	N-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human Glypican-1 is produced by our Mammalian expression system and the target gene encoding Asp24-Thr529 is expressed fused with a 6His tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	2817
UniProt ID:	P35052
Summary:	Glypican 1 is a member of the family of GPI-linked proteoglycans. GPC1 is expressed by neurons, smooth and skeletal muscle cells, keratinocytes, osteoblasts, Schwann cells, immature dendritic cells, and tumor, tumor-associated vascular endothelial cells. The function of GPC1 is complex and varied. GPC1 has been shown to interact with SLIT2. This protein plays a role in the misfolding of normal prion proteins in the cell membrane to the infectious prion form. As a proteoglycan, it appears to make use of its HS adduct to impact select growth factor activity.



[View online »](#)