

## Product datasheet for **TP724819**

### Glypican 3 (GPC3) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Glypican-3/GPC3 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln25-His559
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4
Note:	Recombinant Human Glypican-3 is produced by our Mammalian expression system and the target gene encoding Gln25-His559 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	2719
UniProt ID:	<a href="#">P51654</a>
Summary:	Glypican-3 (GPC3) is a heparan sulfate proteoglycan that belongs to the glypican family. GPC3 is highly expressed in lung, liver, and kidney. GPC3 is overexpressed in various neoplasms including hepatocellular carcinoma, malignant melanoma, and testicular yolk sac tumor, and plays an essential role in cell growth and differentiation. GPC3 has tissue-dependent function. In certain tissues, GPC3 acts as a tumor suppressor gene, whereas in others, it acts as an oncofetal protein. GPC3 expression has also been found in some squamous cell carcinomas of the lung and clear cell carcinomas of the ovary. The role of GPC3 in melanomas is still debated. Thus, GPC3 is currently considered as a tumor marker and potential target for immunotherapy.



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