

Product datasheet for PH307909

Glypican 5 (GPC5) (NM_004466) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GPC5 MS Standard C13 and N15-labeled recombinant protein (NP_004457)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207909
Predicted MW:	63.7 kDa
Protein Sequence:	>RC207909 protein sequence Red=Cloning site Green=Tags(s)

MDAQTWPVGFRCLLLLALVGSARSEGVQTCEEVRKLFQWRLLGAVRGLPDSPRAGPDLQVCISKKPTCCT
RKMEERYQIAARQDMQQFLQTSSTLKFLISRNAAAFQETLETLIKQAENYTSILFCSTYRNMALEAAAS
VQEFFTDVGLYLFADVNPPEEFVNRFFDSLPLVYNHLINPGVTDSSLEYSECIRMARRDVSPFGNIPQR
VMGQMGRSLLPSRTFLQALNLGIEVINTTDYLHFSKECSRALLKMQYCPHCQGLALTKPCMGYCLNVMRG
CLAHMAELNPHWHAYIRSLEELSDAMHGTYDIGHVLLNFHLLVNDAVLQAHLNGQKLEQVNRICGRPVR
TPTQSPRCFDSKEKHGMKTTTRNSEETLANRRKEFINSLRLYRSFYGGADQLCANELAADGLPCWN
GEDIVKSYTQRVVGNGIKAQSGNPEVKVKGIDPVINQIIDKLVHVVQLLQGRSPKPKDWELLQLGSGGGM
VEQVSGDCDEDEDGCGSGSGEVKRTLKIIDWMPDDMNFSDVKQIHQTDGTLDTTGAGCAVATESMTFT
LISVVMLLPGIW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004457
RefSeq Size:	2966
RefSeq ORF:	1716



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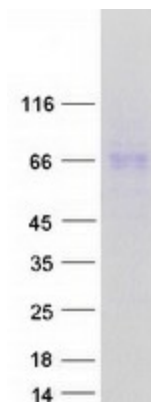
Locus ID: 2262

UniProt ID: [P78333](#)

Cytogenetics: 13q31.3

Summary: 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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified GPC5 protein (Cat# [TP307909]). The protein was produced from HEK293T cells transfected with GPC5 cDNA clone (Cat# [RC207909]) using MegaTran 2.0 (Cat# [TT210002]).