

Recombinant Full Length Human GPC5 Protein, GST-tagged

Cat. No. GPC5-5513HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPC5 full-length ORF (AAH39730, 1 a.a. - 572 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	572 amino acids
Description	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
Molecular Mass	88.66 kDa
AA Sequence	MDAQTWPVVGFRCLLLALVGSARSEGVQTCEEVRKLFQWRLLGAVRGLPDSPRAG PDLQVCISKKPTCCTRKMEERYQIAARQDMQQFLQTSSSTLKFLISRNAAAFQETLE TLIKQAENYTSILFCSTYRNMALEAAASVQEFFTDVGLYLFGADVNPPEEFVNRFFDSL FPLVYNHLINPGVTDSSLEYSECIRMARRDVSPFGNIPQRVMGQMGRSLLPSRTFLQ ALNLGIEVINTTDYLHFSKECSRALLKMQYCPHCQGLALT KPCMGYCLNVMRGCLAH MAELNPHWHAYIRSLEELSDAMHGTYDIGHVLLNFHLLVND AVLQAHLNGQKLLEQV NRICGRPVRTPTQSPRCSFDQSKEKHGMKTTTRNSEETLANRRKEFINSLRLYRSFY

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GGLADQLCANELAAADGLPCWNGEDIVKSYTQRVVGNNGIKAQSGNPEVKVKGIDPV
INQIIDKLKHVVQLLQGRSPKPDKWELLQLGSGGGMVEQVSGDCDDEDGCGGSGS
GEVKRTLKITDWMPDDMNFSVDVKQIHQTDGTSTLDTTGAGCAVATESMTFTLISVVM
LLPGIW

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name GPC5 glypican 5 [Homo sapiens]

Official Symbol GPC5

Synonyms GPC5; glypican 5; glypican-5; glypican proteoglycan 5; bA93M14.1;

Gene ID 2262

mRNA Refseq NM_004466

Protein Refseq NP_004457

MIM 602446

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