

Recombinant Human GPC5 Protein, GST-tagged

Cat. No. GPC5-5149H **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	Wheat Germ
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	MDAQTWPVGFRCLLLLALVGSARSEGVQTCEEVRKLFQWRLLGAVRGLPDSPRAG PDLQVCISKKPTCCTRKMEERYQIAARQDMQQFLQTSSSTLKFLISRNAAAFQETLE TLIKQAENYTSILFCSTYRNMALEAAASVQEFFTDVGLYLFGADVNPPEEFVNRFFDSL FPLVYNHLINPGVTDSSLEYSECIRMARRDVSPFGNIPQRMGMGRSLLPSRTFLQ ALNLGIEVINTTDYLHFSKECSRALLKMQYCPHCQGLALT KPCMGYCLNVMRGCLAH MAELNPHWHAYIRSLEELSDAMHGTYDIGHVLLNFHLLVNDQAVLQAHLNGQKLLEQV NRICGRPVRTPTQSPRCSFDQSKEKHGMKTTTRNSEETLANRRKEFINSLRLYRSFY GGLADQLCANELAAADGLPCWNGEDIVKSYTQRVVGNGIKAQSGNPEVKVKGIDPV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

INQIIDKLKHVVQLLQGRSPKPDKWELLQLGSGGGMVEQVSGDCDDEDGCGGSGS
GEVKRTLKITDWMPDDMNFSDVKQIHQTDGTGSLDTTGAGCAVATESMTFTLISVVM
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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UniProt ID

P78333

Quality Control
Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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