

Recombinant Human GPC5 Protein

Catalog #	Source	Reactivity	Applications
CRP1640	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human GPC5 Protein is produced by our mammalian expression system and the target gene encoding Glu25-Thr554 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Gene Symbol	GPC5
Alternative Names	Glypican-5
Entrez Gene	2262 (Human)
SwissProt	P78333 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	EGVQTCEEVR KLFQWRLPGA VRGLPDSRA GPDQVCISK KPTCCTRKME ERYQIAARQD MQQFLQTSSS TLKFLISRNA AAFQETLETL IKQAENYTSI LFCSTYRNMA LEAASVQEF FTDVGLYLFQ ADVNPEEFVN RFFDSLPLV YNHLINPGVT DSSLEYSECI RMARRDVSPF GNIPQRVMGQ MGRSLLPSRT FLQALNLGIE VINTTDYLHF SKECSRALLK MQYCPHCQGL ALTKPCMGYC LNVMRGCLAH MAELNPHWHA YIRSLEELSD AMHGTYDIGH VLLNFHLLVN DAVLQAHLNG QKLEQVNRI CGRPVRTPTQ SPRCSFDQSK EKHGMKTTTR NSEETLANRR KEFINSLRLY RSFYGGLADQ LCANELAAAD GLPCWNGEDI VKSYTQRVVG NGIKAQSGNP EVKVKGIDPV INQIIDKLKH VVQLLQGRSP KPDKWELLQL GSGGGMVEQV SGDCDDEDGC GGSGSGEVKR TLKITDWMPD DMNFSDVKQI HQTDTGSTLD TTGAGCAVAT VDHSHHHH
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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