

Recombinant Mouse GPC1 Protein

Catalog #	Source	Reactivity	Applications
CRP1639	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse GPC1 Protein is produced by our mammalian expression system and the target gene encoding Asp24-Ser529 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.
Gene Symbol	GPC1
Alternative Names	Glypican-1
Entrez Gene	14733 (Mouse)
SwissProt	Q9QZF2 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	DPASKSRSCS EVRQIYGAKG FSLSDVPQAE ISGEHLRIPC QGYTCCTSEM EENLANHSRM ELESALHDSS RALQATLATQ LHGIDDHFQR LLNDSERTLQ EAFPGAFGDL YTQNTRAFRD LYAELRLYYR GANLHLEETL AEFWARLLER LFKQLHPQLL PDDYLDCLGK QAEALRPFGD APRELRLRAT RAFVAARSFV QGLGVASDVV RKVAQVPLAP ECSRAIMKLV YCAHCRGVPG ARPCPDYCRN VLKGCLANQA DLDAEWRNLL DSMVLITDKF WGPSGAESVI GGVHVWLAEA INALQDNKDT LTAKVIQACG NPKVNPHGSG PEEKRRRGKL ALQEKPSTGT LEKLVSEAKA QLRDIQDFWI SLPGTLCSEK MAMSPASDDR CWNGISKGRY LPEVMGDGLA NQINNPEVEV DITKPDMTIR QQIMQLKIMT NRLRGAYGGN DVDFQDASDD GSGSGSGGGC PDDTCGRRVS KKSSSRTPPL THALPGLSEQ EGQKTSVDHH HHHH
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) 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 μg/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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