

Recombinant Human Glypican 1 Protein

Catalog #	Source	Reactivity	Applications
CRP2716	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human Glypican 1 Protein is produced by mammalian expression system and the target gene encoding Asp24-Thr529 is expressed fused with a 6His tag at the N-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	GPC1
Alternative Names	Glypican-1
Entrez Gene	2817 (Human)
SwissProt	P35052 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	HHHHHHENLY FQGDPAKSR SCGEVRQIYG AKGFSLSDVP QAEISGEHLR ICPQGYTCCT SEMEENLANR SHAELETALR DSSRVLQAML ATQLRSFDDH FQHLLNDSER TLQATFPGAF GELYTQNARA FRDLYSELRL YYRGANLHLE ETLAEFWARL LERLFKQLHP QLLLPDDYLD CLGKQAEALR PFGEAPRELRLRATRAFVAA RSFVQGLGVA SDVVRKVAQV PLGPECSRAV MKLVYCAHCL GVPGARPCPD YCRNVKLGCL ANQADLDAEW RNLLDSMVLITDKFWGTSGV ESVIGSVHTW LAEAINALQD NRDTLTAKVI QGCGNPKVNP QGPGPEEKRR RGKLAPRERP PSGTLEKLVSEAKAQLRDVQ DFWISLPGTL CSEKMALSTA SDDRCWNGMA RGRYLPEVMG DGLANQINNP EVEVDITKPD MTIRQQIMQL KIMTNRLRSA YNGNDVDFQD ASDDGSGSGS GDGCLDDLCS RKVSRKSSSS RTPLTHALPG LSEQEGQKT
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 ddH₂O. 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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