

Datasheet for ABIN7314348
GPC1 Protein (AA 24-529) (His tag)



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Overview

Quantity:	50 µg
Target:	GPC1
Protein Characteristics:	AA 24-529
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPC1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	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.
Sequence:	HHHHHHENLY FQGDPAKSR SCGEVRQIYG AKGFSLSDVP QAEISGEHLR ICPQGYTCCT SEMEENLANR SHAELETALR DSSRVLQAML ATQLRSFDDH FQHLLNDSER TLQATFPGAF GELYTQNARA FRDLYSELRL YYRGANLHLE ETLAEFWARL LERLFKQLHP QLLLPPDDYLD CLGKQAEALR PFGEAPREL RLRATRAFVAA RSFVQGLGVA SDVVRKVAQV PLGPECSRVA MKLVYCAHCL GVPGARPCPD YCRNVLKGCL ANQADLDAEW RNLLDSMVL I TDKFWGTSGV ESVIGSVHTW LAEAINALQD NRDTLTAKVI QGCGNPKVNP QGPGPEEKRR RGKLAPRERP PSGTLEKLVS EAKAQLRDVQ DFWISLPGTL CSEKMALSTA SDDRCWNGMA RGRYLPEVMG DGLANQINNP EVEVDITKPD MTIRQQIMQL KIMTNRLRSA YNGNDVDFQD ASDDGSGSGS GDGCLDDLCS RKVSRKSSSS RTPLTHALPG LSEQEGQKT
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility: 0.2 µm filtered

Target Details

Target: GPC1

Alternative Name: GPC1 ([GPC1 Products](#))

Gene ID: 2817

UniProt: [P35052](#)

Pathways: [Glycosaminoglycan Metabolic Process, Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: 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 lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: 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.