

Product datasheet

Recombinant Human Glypican 1/ GPC1 protein (His tag) ab215589

Description	
Product name	Recombinant Human Glypican 1/ GPC1 protein (His tag)
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	Mammalian
Accession	<u>P35052</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	HHHHHHENLYFQGDPASKSRSCGEVRQIYGAKGFSLSDV PQAEISGEHLR ICPQGYTCCTSEMEENLANRSHAELETALRDSSRVLQAML ATQLRSFDDH FQHLLNDSERTLQATFPGAFGELYTQNARAFRDLYSELRL YYRGANLHLE ETLAEFWARLLERLFKQLHPQLLLDDYLDCLGKQAEALR PFGEAPREL LRATRAFVAARSFVQGLGVASDVVRKVAQVPLGPECSR AVMKLVYCAHCL GVPGARPCPDYCRNVLKGCLANQADLDAEWRNLLDSMV LITDKFWGTSGV ESVIGSVHTWLAEAINALQDNRDTLTAKVIQGCNPKVNP QGPGPEEKRR RGKLAPRERPPSGTLEKLVSEAKAQLRDVQDFWISLPGT LCSEKMALSTA SDDRCWNGMARGRYLPEVMGDGLANQINNPEVEVDITKP DMTIRQQIMQL KIMTNRLRSAYNGNDVDFQDASDDGSGSGSGDGLDDL CSRKVSRSKSSSS RTPLTHALPGLSEQEGQKT
Predicted molecular weight	58 kDa including tags
Amino acids	24 to 529

Tags	His tag N-Terminus
Additional sequence information	Mature full length protein without signal and without propeptide.

Specifications

Our **Abpromise guarantee** covers the use of **ab215589** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Store at -20°C long term.</p> <p>pH: 7.40</p> <p>Constituent: 100% PBS</p> <p>Lyophilized from a 0.2 µm filtered solution of PBS</p>
Reconstitution	<p>Reconstitute with ddH₂O to a concentration no less than 100 µg/mL. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

General Info

Function	Cell surface proteoglycan that bears heparan sulfate.
Sequence similarities	Belongs to the glypican family.
Post-translational modifications	This cell-associated glypican is further processed to give rise to a medium-released species.
Cellular localization	Cell membrane and Secreted > extracellular space.

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