

PRODUCT INFORMATION

Target GPC1

Synonyms Glypican 1;GPC1

Recombinant human GPC1 protein with C-**Description**

terminal 7×His tag

Delivery In Stock **Uniprot ID** P35052 **Expression Host HEK293** Tag C-7×His Tag

Molecular Characterization

Purity

Reconstitution

Background

GPC1(Asp24-Ser530) 7×His tag

The protein has a predicted molecular mass of **Molecular Weight**

57.0 kDa after removal of the signal peptide. The apparent molecular mass of GPC1-His is

approximately 55-70 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the

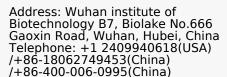
cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may

play a role in the control of cell division and growth regulation. [provided by RefSeq, Jul 2008]

Usage Research use only

Conjugate Unconjugated

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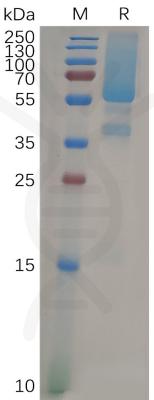


Figure 1. Human GPC1 Protein, His Tag on SDS-PAGE under reducing condition.

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