

PRODUCT INFORMATION

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| Target | GPC1 |
| Synonyms | Glypican 1; GPC1 |
| Description | Recombinant human GPC1 protein with C-terminal 7×His tag |
| Delivery | In Stock |
| Uniprot ID | P35052 |
| Expression Host | HEK293 |
| Tag | C-7×His Tag |
| Molecular Characterization | GPC1(Asp24-Ser530) 7×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 57.0 kDa after removal of the signal peptide. The apparent molecular mass of GPC1-His is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | 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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | 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 |



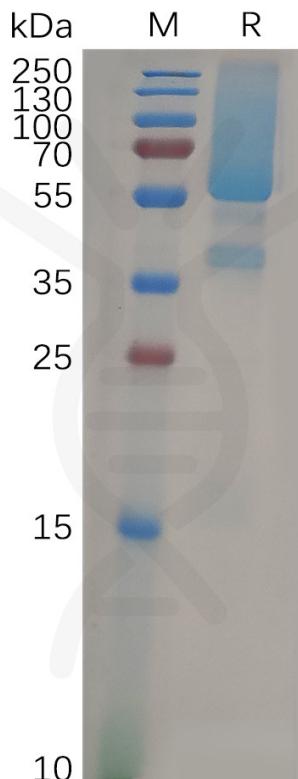


Figure 1. Human GPC1 Protein, His Tag on SDS-PAGE under reducing condition.

