

PRODUCT INFORMATION

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| Target | GP6 |
| Synonyms | BDPLT11;GPIV;GPVI |
| Description | Recombinant Human GP6 with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9HCN6 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | GP6(Gln21-Lys267) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 53.1 kDa after removal of the signal peptide. The apparent molecular mass of GP6-hFc is approximately 55-100 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% 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 | This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in this gene are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011] |
| Usage | Research use only |
| Conjugate | Unconjugated |



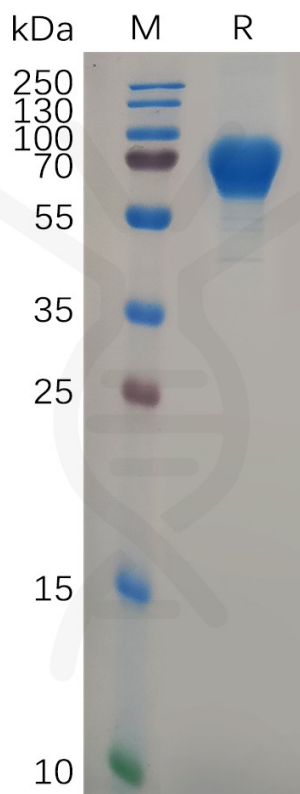


Figure 1. Human GP6 Protein, hFc Tag on SDS-PAGE under reducing condition.

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