## **PRODUCT INFORMATION**

**Target** GP6

BDPLT11;GPIV;GPVI **Synonyms** 

Recombinant Human GP6 with C-terminal human **Description** 

Fc tag In Stock

**Uniprot ID** Q9HCN6 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Background** 

**Delivery** 

GP6(Gln21-Lys267) hFc(Glu99-Ala330) Characterization

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 **Molecular Weight** 

approximately 55-100 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

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.

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



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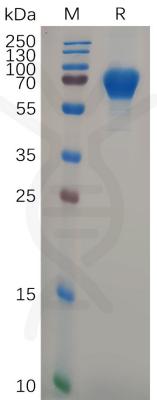


Figure 1. Human GP6 Protein, hFc Tag on SDS-PAGE under reducing condition.

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