PRODUCT INFORMATION

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

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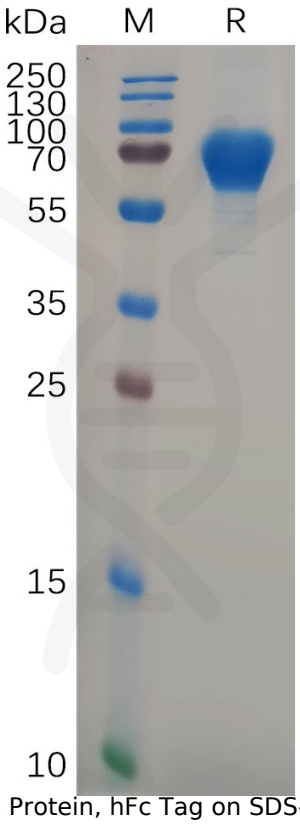

Figure 1. Human GP6 Protein, hFc Tag on SDS-PAGE under reducing condition.

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