Datasheet for ABIN7092792

GP6 Protein (Fc Tag)

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Overview

Quantity:	100 µg
Target:	GP6
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GP6 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human GP6 with C-terminal human Fc tag
Specificity:	GP6 (Gln21-Lys267) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	GP6
Alternative Name:	GP6 (GP6 Products)
Background:	Synonymes: BDPLT11 Description: 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-

Target Details

	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]
Molecular Weight:	predicted molecular mass of 53.1 kDa after removal of the signal peptide. The apparent molecular mass of GP6-hFc is 55-100 kDa due to glycosylation.
UniProt:	Q9HCN6

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months

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