



GP6 blocking peptide (CDBP5500)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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-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]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GP6 glycoprotein VI (platelet) [Homo sapiens (human)]
Official Symbol	GP6
Synonyms	GP6; glycoprotein VI (platelet); GPIV; GPVI; BDPLT11; platelet glycoprotein VI; glycoprotein 6; platelet collagen receptor

Entrez Gene ID	51206
mRNA Refseq	NM_001083899
Protein Refseq	NP_001077368
UniProt ID	Q9HCN6
Pathway	Cell surface interactions at the vascular wall; ECM-receptor interaction; GPVI-mediated activation cascade; Hemostasis; Platelet Adhesion to exposed collagen; Platelet activation
Function	collagen binding; protein binding; receptor activity; transmembrane signaling receptor activity