

## Product datasheet for **TP762625**

### Glycoprotein VI (GP6) (NM\_016363) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human glycoprotein VI (platelet) (GP6), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of GP6
Tag:	N-GST and C-HIS
Predicted MW:	36.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_057447</a>
Locus ID:	51206
UniProt ID:	<a href="#">Q9HCN6</a>
RefSeq Size:	2263
Cytogenetics:	19q13.42
RefSeq ORF:	1017
Synonyms:	BDPLT11; GPIV; GPVI



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**Summary:**

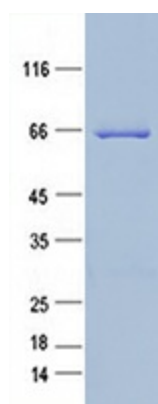
This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates 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]

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

ECM-receptor interaction

**Product images:**

Purified recombinant protein GP6 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.