

Recombinant Human GP6 protein, His-tagged

Cat. No. GP6-5623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GP6 protein(Q9HCN6-1)(Gln21-Lys267), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln21-Lys267
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GPVI, His Tag at 0.5ug/ml (100ul/Well) on the plate. Dose response curve for Anti-GPVI Antibody, hFc Tag with the EC50 of 4.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 28 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

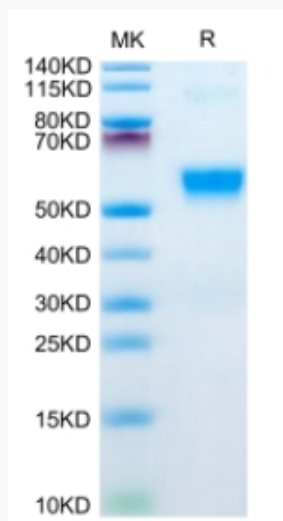
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

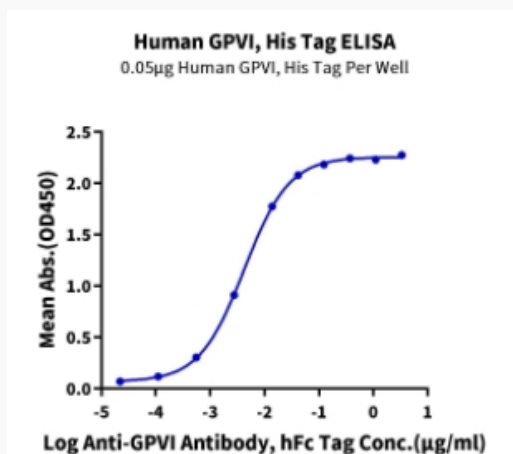
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	GP6 glycoprotein VI (platelet) [Homo sapiens]
Official Symbol	GP6
Synonyms	GP6; glycoprotein VI (platelet); platelet glycoprotein VI; GPVI; glycoprotein 6; platelet collagen receptor; GPIV; BDPLT11; MGC138168;
Gene ID	51206
mRNA Refseq	NM_001083899
Protein Refseq	NP_001077368
MIM	605546
UniProt ID	Q9HCN6

Tris-Bis PAGE



ELISA Data



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA