

Active Recombinant Human GP6 protein, His-tagged, Low Endotoxin

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	21-267 aa
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 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-GPVI Antibody, hFc Tag with the EC50 of 5.9ng/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 Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

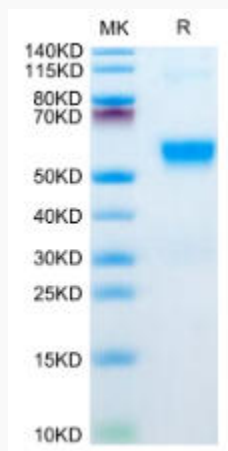
UniProt ID Q9HCN6

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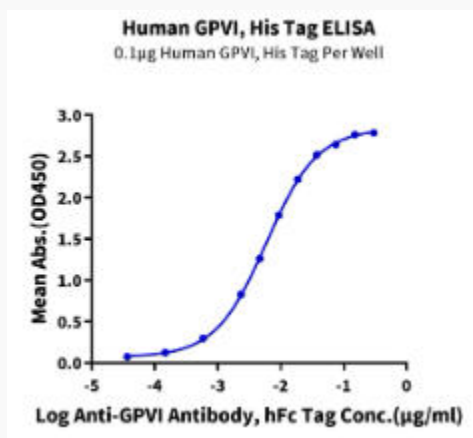
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Bis-Tris PAGE



ELISA Data



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