

## Recombinant Human GP6 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GP6 protein(Q9HCN6-1)(Gln21-Lys267), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln21-Lys267
<b>Tag</b>	C-His
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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**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

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