

Recombinant Human GP6 293 Cell Lysate

Cat. No. GP6-5821HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for glycoprotein VI (platelet) (GP6), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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
Chromosome Location	19q13.4
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; GPVI-mediated activation cascade, organism-specific biosystem; Hemostasis, organism-specific biosystem; Platelet Adhesion to exposed collagen, organism-specific biosystem; Platelet activation, signaling and aggregation,

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organism-specific biosystem;

Function

collagen binding; protein binding; receptor activity; transmembrane signaling receptor activity;

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