

Recombinant Human GP9 Protein, His tagged

Cat. No. GP9-7219H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GP9 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	17-147 aa
Description	This gene encodes a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with the protein encoded by this gene and platelet glycoprotein V. Defects in this gene are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency.
Form	Sterile PBS, pH7.4, 0.1% SKL
Molecular Mass	16 kDa
AASequence	MGSSHHHHHHSSGLVPRGSHMGSTKDCPSPCTCRALETMGLWVDCRGHGLTALP ALPARTRHLLLANNLSQSVPPGAFDHLPLQLQTLTQNPWHCDCSLTYLRLWLEDR TPEALLQVRCASPSLAAGPLGRLTGYQLGSCGWQLQASWVRPG

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Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/mL by BCA

GENE INFORMATION

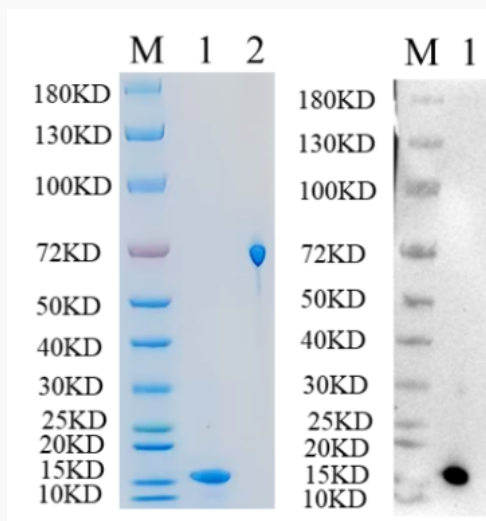
Gene Name	GP9 glycoprotein IX (platelet) [Homo sapiens (human)]
Official Symbol	GP9
Synonyms	GP9; glycoprotein IX (platelet); platelet glycoprotein IX; CD42a; GPIX; GP-IX; glycoprotein 9
Gene ID	2815
mRNA Refseq	NM_000174
Protein Refseq	NP_000165
MIM	173515
UniProt ID	P14770

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified GP9. 1. GP9: 1 μ g 2. BSA: 1 μ g