Recombinant Full Length Human GP9 Protein

Cat. No. GP9-205HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CD42a with N terminal proprietary tag, 45.54kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	177 amino acids
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	Liquid
Molecular Mass	45.540kDa inclusive of tags
AA Sequence	MPAWGALFLLWATAEATKDCPSPCTCRALETMGLWVDCRG HGLTALPALPARTRH LLLANNSLQSVPPGAFDHLPQLQTL DVTQNPWHCDCSLTYLRLWLEDRTPEALLQV RCASPSLAA HGPLGRLTGYQLGSCGWQLQASWVRPGVLWDVALVTVAAL GLALL AGLLCATTEALD

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

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

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