

Recombinant Full Length Human GP9 Protein, GST-tagged

Cat. No. GP9-5466HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GP9 full-length ORF (AAH30229.1, 1 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
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. [provided by RefSeq
Molecular Mass	45.5 kDa
AA Sequence	MPAWGALFLLWATAEATKDCSPCTCRALETMGLWVDCRGHGLTALPALPARTRH LLLANNSLQSVPPGAFDHLPLQLQTL DVTQNPWHCDCSLTYLRLWLEDRTPEALLQV RCASPSLAAHGPLGRLTGYQLGSCGWQLQASWVRPGVLWDVALVTVAALGLALLA GLLCATTEALD

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GP9 glycoprotein IX (platelet) [Homo sapiens]
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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