

## Recombinant Full Length Human GP9 Protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human GP9 full-length ORF ( AAH30229.1, 1 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	177 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	45.5 kDa
<b>AA Sequence</b>	MPAWGALFLLWATAEATKDCPSPCTCRALETMGLWVDCRGGHGLTALPALPARTRH LLLANNLSLQSVPPGAFDHLPLQLQTLQNPWHCDSLTYLRLWLEDRTPEALLQV RCASPSLAAHGPLGRLTGYQLGSCGWQLQASWVRPGVLWDVALVTVAALGLALLA GLLCATTEALD

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

## GENE INFORMATION

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

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