9051 Mira Mesa Blvd, #910094
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GP9 Human

Glycoprotein-9 Human Recombinant
RCP0955

Product Overview

Name	GP9 Human
Description	
Glycoprotein-9 Human Recombinant	
Accession (Primary)	P14770
Synonyms	
Platelet glycoprotein IX, GP-IX, GPIX, Glycoprotein 9, CD42a, Glycoprotein IX (Platelet).	
Introduction	
Glycoprotein-9 (GP9) is a small membrane glycoprotein found on the surface of human platelets. GP9 forms a one to one noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex which functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with the protein and platelet glycoprotein V. GP9 gene defects cause the Bernard-Soulier syndrome, aka giant platelet disease whose patients have unusually large platelets and have a clinical bleeding tendency.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
GP9 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M UREA and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS TKDCPSP CTCRALETMG LWVDCRGHGL TALPALPART RHLLLANNSL QSVPPGAFDH LPQLQTLDVT QNPWHCDCSL TYLRLWLEDR TPEALLQVRC ASPSLAAHGP LGRLTGYQLG SCGWQLQASW VRPG.	
Precautions	

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GP9 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14770)