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32-3913: GP9 Recombinant Protein

Alternative Name : Platelet glycoprotein IX,GP-IX,GPIX,Glycoprotein 9,CD42a,Glycoprotein IX (Platelet).

Description

Source : Escherichia Coli. GP9 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 154 amino acids (17-147) and having a molecular mass of 16.8kDa. GP9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	GP9 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M UREA and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSTKDCPSP CTCRALETMG LWVDCRGHGL TALPALPART RHLLLANNSL QSVPPGAFDH LPQLQTLDVT QNPWHCDCSL TYLRLWLEDR TPEALLQVRC ASPSLAAHGP LGRLTGYQLG SCGWQLQASW VRPG.