9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GYPC Human

Glycophorin C Human Recombinant
RCP0984

Product Overview

Name	GYPC Human
Description	
Glycophorin C Human Recombinant	
Accession (Primary)	P04921
Synonyms	
Glycophorin C (Gerbich Blood Group), Sialoglycoprotein D, Glycoprotein Beta, Glycoconnectin, Glycophorin-D, PAS-2, GPD 3 4, GPC, Glycophorin-C, CD236 Antigen, CD236R, CD236, GYPD, GLPC, GE, Glycophorin-C, Glycoconnectin, Glycophorin-D, GPD, Glycoprotein beta, PAS-2', Sialoglycoprotein D.	
Introduction	
Glycophorin C, also known as GYPC, is an integral membrane glycoprotein. GYPC is a minor species which is carried by human erythrocytes, however plays an important role in regulating the mechanical stability of red cells. Numeral glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion of exon 3 & 2, respectively. The Webb & Duch antigens, also identified as glycophorin D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has very slight homology with glycophorins A & B.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
GYPC protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP MWSTRSP NSTAWPLSLE PDPGMASAST TMHTTTIAEP DPGMSGWPDG RMETSTPTIM HHHHHH.	
Precautions	

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

Target Information: (P04921)