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32-13253: GYPC Human

Alternative Name :	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.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Glycophorin C, also known as GYPC, Â 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.
GYPC Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 66 amino acids (1-57a.a.) and having a molecular mass of 7.2kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). GYPC is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	GYPC protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 :	ADPMWSTRSP NSTAWPLSLE PDPGMASAST TMHTTTIAEP DPGMSGWPDG RMETSTPTIM HHHHHH.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.