## 32-13253: GYPC Human

Alternative Name :<br>Glycophorin C (Gerbich Blood Group), Sialoglycoprotein D, Glycoprotein Beta, Glycoconnectin, GlycophorinD, 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, 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 7.2 kDa (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 :

## Purification :

Content :

## Storage condition :

Amino Acid :
$2 \mu \mathrm{~g} / 10 \mu \mathrm{~g}$
Greater than $95.0 \%$ as determined by SDS-PAGE.
GYPC protein solution ( $1 \mathrm{mg} / \mathrm{ml}$ ) contains Phosphate Buffered Saline (pH 7.4) and $10 \%$ glycerol. Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within 2-4 weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ 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.

ADPMWSTRSP NSTAWPLSLE PDPGMASAST TMHTTTIAEP DPGMSGWPDG RMETSTPTIM HHHHHH .

