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Datasheet for ABIN5854842

## CD236/GYPC Protein (AA 1-57) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	CD236/GYPC (GYPC)
Protein Characteristics:	AA 1-57
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD236/GYPC protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	ADPMWSTRSP NSTAWPLSLE PDPGMASAST TMHTTTIAEP DPGMSGWPDG RMETSTPTIM HHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

#### Target Details

Target:	CD236/GYPC (GYPC)
Alternative Name:	GYPC ( <a href="#">GYPC Products</a> )
Target Type:	Viral Protein
Background:	GYPC, also known as glycophorin-C isoform 1, is an integral membrane glycoprotein. It is a

## Target Details

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minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion of exon 3 and 2, respectively. The Webb and Duch antigens, also known as glycophorin D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has very little homology with glycophorins A and B. Alternate splicing results in multiple transcript variants. Recombinant human GYPC protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Molecular Weight: 7.2kDa (66aa) 18-28kDa (SDS-PAGE under reducing conditions.)

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NCBI Accession: [NP\\_002092](#)

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UniProt: [P04921](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1.0 mg/mL

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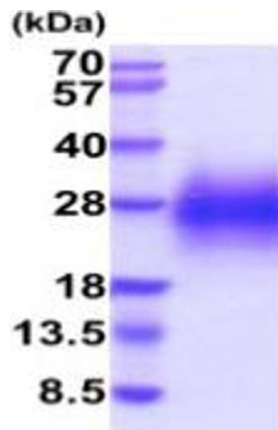
Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

### SDS-PAGE

Image 1.