

## Recombinant Human GYPC Protein

Cat. No. GYPC-4511H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GYPC full-length ORF (NP_002092.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a 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. [provided by RefSeq]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	13.8 kDa
<b>AA Sequence</b>	MWSTRSPNSTAWPLSLEPDPGMASASTTMHTTTIAEPDPGMSGWPDGRMETSTPT IMDIVVIAGVIAAVAILVLSLLFVMLRYMYRHKGTYHTNEAKGTEFAESADAALQGDP ALQDAGDSSRKEYFI
<b>Applications</b>	Antibody Production Functional Study Compound Screening

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<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GYPC glycophorin C (Gerbich blood group) [ Homo sapiens ]
<b>Official Symbol</b>	GYPC
<b>Synonyms</b>	GYPC; glycophorin C (Gerbich blood group); glycophorin-C; CD236; CD236R; Ge; GPC; GYPD; glycophorin-D; glycoconnectin; glycoprotein beta; sialoglycoprotein D; GE; GPD; PAS-2; MGC117309; MGC126191; MGC126192;
<b>Gene ID</b>	2995
<b>mRNA Refseq</b>	NM_001256584
<b>Protein Refseq</b>	NP_001243513
<b>UniProt ID</b>	P04921

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