Recombinant Human GYPC Protein

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

SPECIFICATION

Product Overview	Human GYPC full-length ORF (NP_002092.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	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
Form	Liquid
Molecular Mass	13.8 kDa
AA Sequence	MWSTRSPNSTAWPLSLEPDPGMASASTTMHTTTIAEPDPGMSGWPDGRMETSTPT IMDIVVIAGVIAAVAIVLVSLLFVMLRYMYRHKGTYHTNEAKGTEFAESADAALQGDP ALQDAGDSSRKEYFI
Applications	Antibody Production Functional Study Compound Screening

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Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	GYPC glycophorin C (Gerbich blood group) [Homo sapiens]
Official Symbol	GYPC
Synonyms	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;
Gene ID	2995
mRNA Refseq	NM_001256584
Protein Refseq	NP_001243513
UniProt ID	P04921

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