

Recombinant Full Length Human GYPC Protein

Cat. No. GYPC-3378HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GYPC full-length ORF (NP_002092.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	201 amino acids
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 IMDIVVIAGVIAAVAILVLSLLFVMLRYMYRHKGTYHTNEAKGTEFAESADAALQGDP ALQDAGDSSRKEYFI
Applications	Antibody Production

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	Functional Study Compound Screening
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
MIM	110750
UniProt ID	P04921