

Human GYPC Knockdown Cell Lysate

Cat. No. GYPC-350HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated GYPC Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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. Alternate splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	14 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GYPC KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	GYPC glycophorin C (Gerbich blood group) [Homo sapiens (human)]
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

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