OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC202751L2V

Glycophorin A (GYPA) (NM_002099) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Glycophorin A (GYPA) (NM_002099) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Glycophorin A
Synonyms:	CD235a; GPA; GPErik; GPSAT; HGpMiV; HGpMiXI; HGpSta(C); MN; MNS; PAS-2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002099
ORF Size:	450 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202751).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002099.3
RefSeq Size:	2660 bp
RefSeq ORF:	453 bp
Locus ID:	2993
UniProt ID:	P02724
Cytogenetics:	4q31.21
Domains:	Glycophorin_A
Protein Families:	ES Cell Differentiation/IPS, Transmembrane

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Protein Pathways: Hematopoietic cell lineage

MW: 16.4 kDa

Gene Summary: Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. In addition to the M or N and S or s antigens that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta, as well as Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB. [provided by RefSeq, Jul 2008]