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Product datasheet for RC205833L2V

CYB5R1 (NM_016243) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CYB5R1 (NM_016243) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CYB5R1
Synonyms:	B5R.1; B5R1; B5R2; humb5R2; NQO3A2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_016243
ORF Size:	915 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205833).
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_016243.2
RefSeq Size:	1675 bp
RefSeq ORF:	918 bp
Locus ID:	51706
UniProt ID:	Q9UHQ9
Cytogenetics:	1q32.1
Domains:	NAD_binding_1, FAD_binding_6
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways:	Amino sugar and nucleotide sugar metabolism
MW:	34.1 kDa
Gene Summary:	NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction. [UniProtKB/Swiss-Prot Function]