

## 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 RC202378L3V

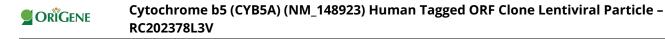
## Cytochrome b5 (CYB5A) (NM\_148923) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cytochrome b5 (CYB5A) (NM_148923) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cytochrome b5
Synonyms:	CYB5; MCB5; METAG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_148923
ORF Size:	402 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202378).
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. <u>More info</u>
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:	<u>NM 148923.2</u>
RefSeq Size:	850 bp
RefSeq ORF:	405 bp
Locus ID:	1528
UniProt ID:	<u>P00167</u>
Cytogenetics:	18q22.3
Protein Families:	Transmembrane
MW:	15.3 kDa



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Gene Summary:The protein encoded by this gene is a membrane-bound cytochrome that reduces ferric<br/>hemoglobin (methemoglobin) to ferrous hemoglobin, which is required for stearyl-CoA-<br/>desaturase activity. Defects in this gene are a cause of type IV hereditary<br/>methemoglobinemia. Three transcript variants encoding different isoforms have been found<br/>for this gene. [provided by RefSeq, Jun 2010]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US