Product datasheet for RC205726L3V

VKORC1L1 (NM_173517) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VKORC1L1 (NM_173517) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VKORC1L1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173517
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205726).
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_173517.3
RefSeq Size:	5913 bp
RefSeq ORF:	531 bp
Locus ID:	154807
UniProt ID:	Q8N0U8
Cytogenetics:	7q11.21
Protein Families:	Transmembrane
MW:	19.8 kDa

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Gene Summary: This gene encodes an enzyme important in the vitamin K cycle, which is involved in the carboxylation of glutamate residues present in vitamin K-dependent proteins. The encoded enzyme catalyzes the de-epoxidation of vitamin K 2,3-epoxide. Oxidative stress may upregulate expression of this gene and the encoded protein may protect cells and membrane proteins form oxidative damage. This gene and a related gene (Gene ID: 79001) may have arisen by gene duplication of an ancestral gene. [provided by RefSeq, Oct 2016]