

Product datasheet for **RC207095L4V**

DOLK (NM_014908) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DOLK (NM_014908) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DOLK
Synonyms:	CDG1M; DK; DK1; SEC59; TMEM15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014908
ORF Size:	1614 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207095).
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_014908.3
RefSeq Size:	2267 bp
RefSeq ORF:	1617 bp
Locus ID:	22845
UniProt ID:	Q9UPQ8
Cytogenetics:	9q34.11
Protein Families:	Transmembrane
MW:	59.3 kDa



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Gene Summary:

The protein encoded by this gene catalyzes the CTP-mediated phosphorylation of dolichol, and is involved in the synthesis of Dol-P-Man, which is an essential glycosyl carrier lipid for C- and O-mannosylation, N- and O-linked glycosylation of proteins, and for the biosynthesis of glycosyl phosphatidylinositol anchors in endoplasmic reticulum. Mutations in this gene are associated with dolichol kinase deficiency.[provided by RefSeq, Apr 2010]