

Product datasheet for **SC202580**

DOLK (NM_014908) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DOLK (NM_014908) Human 3' UTR Clone
Symbol:	DOLK
Synonyms:	CDG1M; DK; DK1; SEC59; TMEM15
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014908
Insert Size:	187 bp
Insert Sequence:	>SC202580 3'UTR clone of NM_014908 The sequence shown below is from the reference sequence of NM_014908. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CTCTACCTCTGATATTGCTGATGGCC TAG CTGTTACAGTGCAGCAGCAGTGACGGAGGAAACAGACAT GGGGAGGGTGAACAGTCCCCACAGCAGACAGCTACTTGGGCATGAAGAGCCAAGGTGTGAAAAGCAGAT TTGATTTTT CAGTTGATTCAGATTTAAAATAAAAAGCAAAGCTCTCCTA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_014908.4</u>



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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]

Locus ID: 22845

MW: 6.9