Product datasheet for RC211804L1V

Dicer (DICER1) (NM_030621) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dicer (DICER1) (NM_030621) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Dicer
Synonyms:	DCR1; Dicer; Dicer1e; GLOW; HERNA; K12H4.8-LIKE; MNG1; RMSE2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_030621
ORF Size:	5766 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211804).
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_030621.2
RefSeq Size:	10220 bp
RefSeq ORF:	5769 bp
Locus ID:	23405
UniProt ID:	Q9UPY3
Cytogenetics:	14q32.13
Domains:	RIBOc, DSRM, DEAD, helicase_C, PAZ, DUF283
Protein Families:	Druggable Genome

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MW:	218.5 kDa

Gene Summary: This gene encodes a protein possessing an RNA helicase motif containing a DEXH box in its amino terminus and an RNA motif in the carboxy terminus. The encoded protein functions as a ribonuclease and is required by the RNA interference and small temporal RNA (stRNA) pathways to produce the active small RNA component that represses gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]