

Product datasheet for RC219214L1V

OriGene Technologies, Inc.

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Dicer (DICER1) (NM_177438) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Dicer (DICER1) (NM_177438) Human Tagged ORF Clone Lentiviral Particle

Symbol: DICER1

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 177438

ORF Size: 5766 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC219214).

Sequence:

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.

RefSeg: NM 177438.1

 RefSeq Size:
 10276 bp

 RefSeq ORF:
 5769 bp

 Locus ID:
 23405

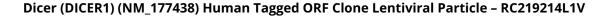
 UniProt ID:
 Q9UPY3

Cytogenetics: 14q32.13

Protein Families: Druggable Genome

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]