

Product datasheet for RC200579L1V

OriGene Technologies, Inc.

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TMP21 (TMED10) (NM_006827) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: TMP21 (TMED10) (NM_006827) Human Tagged ORF Clone Lentiviral Particle

Symbol: TMED10

Synonyms: p23; P24(DELTA); p24d1; S31I125; S31III125; Tmp-21-I; TMP21

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

Tag: Myc-DDK

ACCN: NM_006827

ORF Size: 657 bp

ORF Nucleotide

OTI Disclaimer:

Sequence:

The ORF insert of this clone is exactly the same as(RC200579).

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 006827.4

 RefSeq Size:
 4163 bp

 RefSeq ORF:
 660 bp

 Locus ID:
 10972

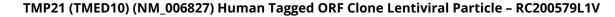
 UniProt ID:
 P49755

 Cytogenetics:
 14q24.3

Domains: EMP24_GP25L

Protein Families: Transmembrane





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MW: 25 kDa

Gene Summary: This gene is a member of the EMP24/GP25L/p24 family and encodes a protein with a GOLD

domain. This type I membrane protein is localized to the plasma membrane and golgi cisternae and is involved in vesicular protein trafficking. The protein is also a member of a heteromeric secretase complex and regulates the complex's gamma-secretase activity without affecting its epsilon-secretase activity. Mutations in this gene have been associated with early-onset familial Alzheimer's disease. This gene has a pseudogene on chromosome 8.

[provided by RefSeq, Jul 2008]