

Product datasheet for RC231411L3V

OriGene Technologies, Inc.

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DENND1B (NM_001195215) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: DENND1B (NM_001195215) Human Tagged ORF Clone Lentiviral Particle

Symbol: DENND1B

Synonyms: C1ORF18; C1orf218; FAM31B

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_001195215

ORF Size: 2325 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC231411).

Sequence:

Cytogenetics:

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 001195215.1

 RefSeq ORF:
 2328 bp

 Locus ID:
 163486

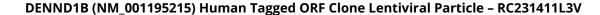
 UniProt ID:
 Q6P3S1

Protein Families: Transmembrane

1q31.3

MW: 87 kDa







Gene Summary:

Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of proteins and lipids. Members of the connecdenn family, such as DENND1B, function as guanine nucleotide exchange factors (GEFs) for the early endosomal small GTPase RAB35 (MIM 604199) and bind to clathrin and clathrin adaptor protein-2 (AP2; see MIM 601024). Thus, connecdenns link RAB35 activation with the clathrin machinery (Marat and McPherson, 2010 [PubMed 20154091]).[supplied by OMIM, Nov 2010]