

Product datasheet for RC203657L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

DULLARD (CTDNEP1) (NM 015343) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: DULLARD (CTDNEP1) (NM_015343) Human Tagged ORF Clone Lentiviral Particle

Symbol: DULLARD

Synonyms: DULLARD; HSA011916; NET56

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_015343

ORF Size: 732 bp

ORF Nucleotide

OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC203657).

Sequence:

Domains:

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 015343.3, NP 056158.2

CPDc

 RefSeq Size:
 1780 bp

 RefSeq ORF:
 735 bp

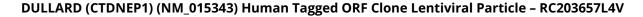
 Locus ID:
 23399

 UniProt ID:
 095476

 Cytogenetics:
 17p13.1

Protein Families: Transmembrane





ORIGENE

MW: 28.4 kDa

Gene Summary: Serine/threonine protein phosphatase forming with CNEP1R1 an active phosphatase complex

that dephosphorylates and may activate LPIN1 and LPIN2. LPIN1 and LPIN2 are phosphatidate phosphatases that catalyze the conversion of phosphatidic acid to diacylglycerol and control the metabolism of fatty acids at different levels. May indirectly modulate the lipid composition of nuclear and/or endoplasmic reticulum membranes and be required for proper nuclear membrane morphology and/or dynamics. May also indirectly regulate the production of lipid droplets and triacylglycerol. May antagonize BMP signaling.

[UniProtKB/Swiss-Prot Function]