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Product datasheet for RC227230L2V

DULLARD (CTDNEP1) (NM_001143775) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DULLARD (CTDNEP1) (NM_001143775) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DULLARD
Synonyms:	DULLARD; HSA011916; NET56
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001143775
ORF Size:	732 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227230).
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_001143775.1, NP_001137247.1
RefSeq Size:	1713 bp
RefSeq ORF:	735 bp
Locus ID:	23399
UniProt ID:	O95476
Cytogenetics:	17p13.1
Protein Families:	Transmembrane
MW:	28.4 kDa

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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]