

Product datasheet for **RC200571L4V**

MPDU1 (NM_004870) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MPDU1 (NM_004870) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MPDU1
Synonyms:	CDGIF; HBEBP2BPA; Lec35; My008; PP3958; PQLC5; SL15; SLC66A5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004870
ORF Size:	741 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200571).
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_004870.2
RefSeq Size:	1634 bp
RefSeq ORF:	744 bp
Locus ID:	9526
UniProt ID:	O75352
Cytogenetics:	17p13.1
Protein Families:	Transmembrane
MW:	26.7 kDa



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Gene Summary:

This gene encodes an endoplasmic reticulum membrane protein that is required for utilization of the mannose donor mannose-P-dolichol in the synthesis of lipid-linked oligosaccharides and glycosylphosphatidylinositols. Mutations in this gene result in congenital disorder of glycosylation type If. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008]