

Product datasheet for **MR203128L4V**

Mpdu1 (BC048871) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mpdu1 (BC048871) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mpdu1
Synonyms:	SL15, LEC35
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC048871
ORF Size:	741 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203128).
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:	BC048871 , AAH48871
RefSeq Size:	1255 bp
RefSeq ORF:	743 bp
Locus ID:	24070
Cytogenetics:	11 42.86 cM



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Gene Summary:

This gene encodes a member of the PQ-loop superfamily. A similar gene in human encodes a protein that is required for monosaccharide-P-dolichol-dependent glycosyltransferase reactions, and disruption of this gene is the cause of congenital disorder of glycosylation (CDG) type 1F, a disease linked to defects in protein N-glycosylation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]