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Product datasheet for RC212759L1V

MAN1 (LEMD3) (NM_014319) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MAN1 (LEMD3) (NM_014319) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAN1
Synonyms:	MAN1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_014319
ORF Size:	2733 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212759).
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_014319.3
RefSeq Size:	4785 bp
RefSeq ORF:	2736 bp
Locus ID:	23592
UniProt ID:	Q9Y2U8
Cytogenetics:	12q14.3
Domains:	LEM
Protein Families:	Transmembrane

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MW: 99.8 kDa

Gene Summary: This locus encodes a LEM domain-containing protein. The encoded protein functions to antagonize transforming growth factor-beta signaling at the inner nuclear membrane. Two transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with osteopoikilosis, Buschke-Ollendorff syndrome and melorheostosis.[provided by RefSeq, Nov 2009]