

Product datasheet for **MR213915**

Lmntd2 (NM_028050) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lmntd2 (NM_028050) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lmntd2
Synonyms:	1600016N20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR213915 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCCAAGTCTTGCCAGGAGTCTGAAGATAAGCAGGTATCCCCAGCTCCAGCAGGTGTACAGCCAG
 ACAGCAGTGACTTAGGGTCTCCAGTTGGCACACCTGTCGACAGAGTGGCTCCTTCTATTCTCAGAGCGC
 TAAGCTCTACACATCCACACCAATGGGCTGCTCCGTCAAGCAGCAGTTAGCCCCGAAACCCTGGACCCA
 CGTACCCTGAGGCTCTTATGGGAACAGAGAGAAGTCCAGGACTTCGGTGGGCTGTTTCTGAGAAAG
 GCCACAATGCCGATACTCCAGCATCTGCAAGAGGTGGCAGGGGTTCCCTCTGAGCGGAACTCCAAAAG
 TCAAGACAATTCCTGCGGAACAGGTCCAGAAGCTAACCTGGAGCTGAAAGCAGAGAAGCAAGCT
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 TGCCCCATGGTGGCCCTGTGAGTCCAGAACACAGCCGAGAGCAGATACGGCTTCCGCTTCTCTGCTACC
 CTCCATCACTGAGGAATTGTGTCGGCGGTTG

AG**GACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR213915 protein sequence
 Red=Cloning site Green=Tags(s)

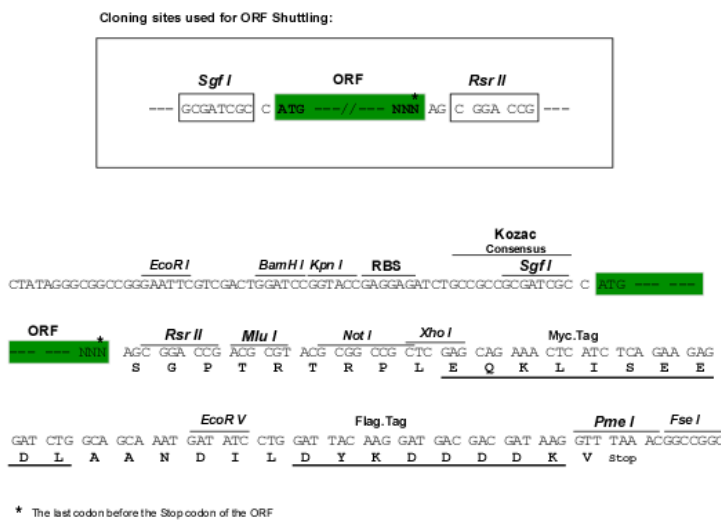
MAPKSCQESEDKQVSPAPAGVQPDSSDLGSPVGTVPDRVAPSYSQSALYLTSTPMGCSVKQQLAPETLDP
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 PGTLAPQHHITVWEGTSRTKKQLPVASGQDPFQFQSSRGCVTLVNPNQGVLESHQATPCVTLGSKIF
 TDNTDWSIDCFPLSESEPDVHPGEQQCRPSSPQKGRAKDAGARRKPGPGVQRHRSSTGLRASRTLHP
 TETRDILPLSSRKLPSGEVL TQEGVKAETSELLPVIPECPSRLCLGEDSLGRQEYKVVQCRKSVDL
 CPMVALSVQNTAESRYGFRFLCYPPITEELCRRL

SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-RsrII

Cloning Scheme:



ACCN: NM_028050

ORF Size: 1995 bp

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_028050.2](#), [NP_082326.1](#)

RefSeq Size: 2047 bp

RefSeq ORF: 1995 bp

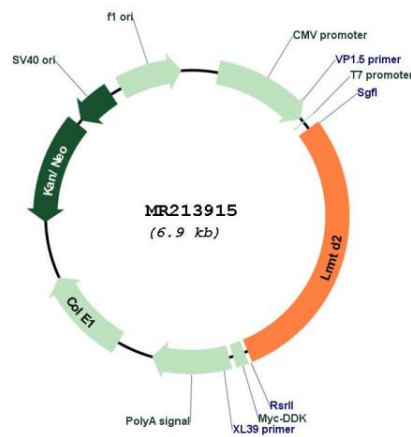
Locus ID: 72000

UniProt ID: [Q0VET5](#)

Cytogenetics: 7 F5

MW: 73.8 kDa

Product images:



Circular map for MR213915