

Product datasheet for **RN209696**

Lmntd2 (NM_001127540) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lmntd2 (NM_001127540) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lmntd2
Synonyms:	RGD1307439
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209696 representing NM_001127540
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCCTAAGTCTTGCCAGGAGTCTGAAGATGAGCAGGTGTCCCCAGCTCCAGCAGGTGTACAGCCAG
 ACAGCAGTGACTTAGGGTCTCCAGTTGGCACACCTGTGGCTAGAGTGGCTTCTTCCTGTCCTCAGAGCGC
 GAAGCTCTACACATCTACACCAATGAAGTCTGTCAAGCAGCAGTTAGCCCTGAAACCTGGACCCA
 CGTACCCTGAGGCTGTTATGGGAACAAAGAGAAGTACAGATCCAGGCACTTCGGTGGGCTGTTTCAAGT
 GCCAGAATGCCGATACTACTACATCTGCAGGAGGTGGCAGGGATTCCCCCTGAGCGGAAGTCCAAAG
 ACAAGACAAATTCCTGCGGAACAGGTCCAGAAGCTTACCCTGGAGCTGAAAGCACAGAAGGAACAAGCC
 CAGCAGGAGAAACAGCAGTTGGAGGAGAACTGCAGCAGAACCTCTGTGAATGCAGCAGCTGGAGGCTG
 AGCTTCAGTCTTTCAAAATCATGCCTTCTACAGCTAGCCCGTTCCTCTTGGTGGGACGCACGCTGAG
 GTCTCAGACTGGCAGTGTGGAGGTGGTACTGCAGAGGTCTGAGGGACGTCAGTGACTCTTCTCAGTGT
 GCTGAGGTTCCCAATGCTGGGGAGGGTTTCCGGTTGGAGGATGTAGATTGGAACAGCATTGCCACCGAT
 ATCCCAACCTCTTCTCCAGCTTGAGTTTCCATTGCGATCAAAAAGTGTCCAGCCCCCGGCTCTGAAGT
 GGATGCCTGTGACTCGGAGTGCCTACCAAGCACACAGAGAACTACCAAGACCTGGAGTGGAGCGCC
 TTGCCTTTGGTGGACACCAAGTAGCTCGGAAAGTATCGAGTCTGACATCAGCAGACCCAGATGGTTCTGC
 ATTCTGGAGCAAAGACGACGACTGGCCACCCACCCAGGACCAAATTTAGTGTCTTCTGAACAGATGCA
 GGAATGCACAAGGAGCGTCAATGGATACACAGAAGATCTTCATAAAAGCTGGTCGCCCTCATGTAGCAAG
 ACTGTTTTGGAGTCTATACGGACCTTCAGCACCCATATACAAGACCCAGTTGAATCCATTGGCTGCT
 GCTTGAAGATTGCTGCTGCAGCACCGAGAGAAGTTCATCCGCATTATCAACCAGTCACAGGCAGAGAC
 AGTTGACCTGGGTGGCTTTGTCTGCAGCAGCTTGTAGGGACTTCCCTGTGTGCATGTACCGCTTCCCA
 CCTGGTACTCTGTAGCCCCGACGACCAACATCACGGTATGGGGCGAAGGAACAGCAGAACCAAGAAGC
 AGCTGCCAGTGTCTCAGGCCAGGACCTTTCCAATTCCAATCTAGCCGAGGCTGTGTGACGATGTAGT
 CAACCCCCAGGACAGGTCTCAGCGAGCATCAAGCTGTACCCTGTGTGACTCTGGGCTCAAAGATCTTC
 ACCGACAACACCGACTGGTCCATTGACCGCTTCCCACTCTCAGAGTCCGAGCCCAATGTTGACCTGGTG
 ATCAGCAGTATCGACCTTCATCACACAGAAGGGTCGGGCAAAGGTTGCTGGGGCCAGGCACAAGAAGCC
 ACGGCCAGGGTTCGTACGAAAGGCTCTCCAGCACTGGTGGACTGAGGGCCTCAGACCTTTCGCCCC
 ACAGAGACCCGGGATATCTTGCCACTCCTAAGCACCCGAAAGCTTTTCCCTTGGAGAAGTCTGCAC
 AGCAGGAAGGTGTGAAACTGAGATATCAGAGCTCCTGCCAGTGATCCCAGAGTGTTCTCGAGAGTGTG
 TCTTGAGGACTCACTGGGTAGGCAGGAGCGCAAGTCCAGGTATGCCGAAAAGTGTGGACCTGAGTTGC
 CCCATGGTGGCCCTGTCAGTACAGAGCACAGCTGAGAGCAGATATGGCTTCCGCTTCTCTGCTATCCTC
 CCATCACTGAGGAATTGTGTCGGCGGTT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127540

Insert Size: 1992 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001127540.1, NP_001121012.1

RefSeq Size: 2104 bp

RefSeq ORF: 1992 bp

Locus ID: 309108

Cytogenetics: 1q41