

## Product datasheet for **RN216594**

### **Lmntd1 (NM\_001191980) Rat Untagged Clone**

#### Product data:

Product Type: Expression Plasmids

Product Name: Lmntd1 (NM\_001191980) Rat Untagged Clone

Tag: Tag Free

Symbol: Lmntd1

Synonyms: Ifltd1; RGD1560077

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN216594 representing NM\_001191980  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGAAGGAAGACGCTTCGGAGCCTCCAACCAGAGACACTGACATCAGTCCACAAGAAGTTAAATGCAGG  
AGGAAGAGATGAAGGAAGAAAACTGGAACCATCACTCCATCGAAACAGCATTTCATCAGTCCATTTTT  
CCCAAAGGTAATGGACTCGAGCTCCACACTCCACCTACTGTCAGGCTCATTTCCCATGAGGCGTCGGCC  
AACTTCCACCAGATCCCCAGTGTCAAGACAGCTTATCGCCCGGAGGACTGCTGACTTCTAAATCCAATG  
TCCAAGCTGCTCCGCAAAGACAGCATCCCGGGAAACAGAGTACACACCAAGCAGTAGAACGGAAACA  
GCCGAAACCGAGCTCCGACTTGGATACCTACGTTCTGGGGATGGTGAGGATTATTTCTTTCTTGTTT  
GGAGACTCGAAGAAGCTCACATCGCATACATCCCAAGCGGAGGACGTGAGCAAACACCTTCTGTGATTC  
TTGAGGAAGTCGGCCAGTTTGTATCAAGTTCTCTTGGAGACATTAATAAGCTGAGGTAAATGTCAAGGG  
TTTCTTTGTGAGGCTTGTTAACTCCTCCAATGAAAAGGAAGTAGAGATTGGAAATACATCCTCCAGCAA  
AACGTGAACGGACAGGCAGTCTCCTGTACCGATTCCCTCACAACATCACAATGCAGGCCAGTGCCACGG  
TGACCGTGTGGGCAGCAGCTTCAGAGGCAAAGCCACAGCAGCCAACGGACTTCGTTTGGGAGAACAGAG  
CAGGTTCCGATCCAGTCCGACTGCACGACCATCTTGTGCAAGCCAGCGGTGAGGCCATCGCCTGGTAC  
ACCCCCATCCACTGGAAGCAAGCCTGGGAGAAGCTGGAGACTGACATTGAGTTTGAAAGATGCTCAGTGG  
TGATCCCATCGCTGAAAAGCCACATATTTGGACGGACAACATCATCTGTGTCTTCCATAAATAAGGAAAA  
ACAAGAACCACACAGAAAACGCCCCCAAGTCTGCTCTGTTCTCTTGAGAGAAAAGGAAATCCTGCTA  
ACTGTTTTACCAATAAGAGTCTTGGTGCCGACGCCCGACACCCCTCCACATCCCTACAGCTCTCTGA  
TTGAATGGCATGACTCAGACTTTCCTGGAAGCAGTTTGGGTACACAGCCCAAGCCTCAGTCAACCAAGCC  
CAAACCAGACCCAGGGACCAAGGAAAAGAAATCAACTCGA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Restriction Sites:</b>     | Sgfl-Mlul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>                  | NM_001191980                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 1233 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>OTI Annotation:</b>        | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <u>NM_001191980.1, NP_001178909.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 1233 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1233 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 500362                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 4q44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |