

## Product datasheet for **MC228229**

### Lrmp (NM\_001281980) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lrmp (NM_001281980) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrmp
Synonyms:	D6Int3; D6Int4; D6Int5; D6Int7; D6Int8; Jaw1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228229 representing NM\_001281980  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTCTGTGTAAAAGGTCCCCAGAGCAGGAACCAAGAAGATGGGGCTTTGGACGTGACAAGAGGGTGCC  
 AGTGCCCACTCCACCGAAGGCTCCATCTTGGGACAGGAGCTTCTAGACTGTACCAGAATGAACGAGGA  
 CCAGAGTACAGACGAGAATGGTGTGACCACTTGATTCCGAGAGCCCGTACAGCTCAGGGAGTATCTC  
 ACACAGCCATCGTCTGAACAGACTTCATCCTCGGAGAGCACTGTGACGTCAAGTGAGTCTGGATCAGACA  
 TTTTGCACATGGCTTCTGGTGACCTTGACTGCAAACCTCTCTGTGAGAAGGAGGAGGAAGCAAGAGCCGC  
 CTCTGCCATGCAAGGCACCAGCCTAGCTCCTGTGCTTATGGAGACTACACGAGTGTGGCGTGGCCAAG  
 GCTGCATCCCAGCTGGAAGCAGGAGAGGAACCTCAGAACCACAGAAAACGGAGGGAAGGGCAGTGCCCGG  
 GAGAGACGGAGATTTCCATGCCCCCAAAGCATCTGTGAAGCTCGTTAACTTTCAGCAGAGTGAAAAAC  
 TTCAGCTAATGAGAAGGAAGTGGAGGCAGAGTTCTCAGGTTATCTTTGGGACTTAAGTGTGACTGGTTT  
 ACATTGGAGAAGAGGGTGAAGCTTGAAGAGAGGTCCCGGACCTGGCAGAGGAAAATTTGAAGAAAAGAAA  
 TCACAAACTGTTTAAAGCTTTTAGAGTCGTGACTCCCCTGTGTGAAGAGGACAACCAGGCTCAGGAAAT  
 CGTTAAGAAGCTGGAGAAGATAGTACTGCTCAGCCAGTGCACAGCCGAGTGGCCAGCAGGGCTGAG  
 ATGCTGGGCGCCATCAACCAGGAAAGCCGGGTGAGTAGAGCGGTGGAGGTGATGATCCAGCACGTGGAGA  
 ACCTGAAGCGGATGTACGCCAAAGAGCAGCAGAGCTGGAGGATCTGAAGCAAGCACTGCTGCAGAACGA  
 CAGGCTCTTTAACTCTCTGCCAGATGAAGATGACTGTGAGATTAAGGCGTTTCTCTCTAAATTCC  
 AAGCCATCTTCTTGAAGAGTGACCATTGCCTCTTTGCCAGGAATCTTGAAATGTGGGGCTGGTGT  
 CAGGCATGGAAAATAATGACAGATTAGCCGGCGGTGAGCAGCTGGAGAATCCTGGGACAAAGCAGGG  
 TGAGCACCGCCCTCGCTGCATCGCTTTCATCAGCACCTATTCTGGGCCGACGCTGAGGACGAGAGAAGT  
 GACGTGAAAGCCAGAGACGCCCAAGCAAGGCGAAGAGGCAGTGGAGGGGACCAGGAAGCCAGCC  
 TTTCTGAGAGGAGAAGCAGCACATTGGCCTGGGACAGGGGCACAACTGCAGCTCAGTGGCTTCTGGGT  
 CACTCACCTGCAGGCTCCTCAGAAGAGCCAACAGAGCACTCTGGCTCACGGGGCTCATCATCACTG  
 ATCGCAGCGTGTGAGCTTCTCACAGGTCAGCTCTTCCAGACAGCCGTGGAGGCTGCGCCACACAGG  
 AGGGGGACTCCTGGCTGTCTCTAGAACACATCTTATGGCCATTTACCAGACTCGGCATGATGGACCACT  
 GCCAGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001281980
- Insert Size:** 1620 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001281980.1](#), [NP\\_001268909.1](#)

**RefSeq Size:** 2041 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 16970

**UniProt ID:** [Q60664](#)

**Cytogenetics:** 6 77.34 cM

**Gene Summary:** Plays a role in the delivery of peptides to major histocompatibility complex (MHC) class I molecules; this occurs in a transporter associated with antigen processing (TAP)-independent manner. May play a role in taste signal transduction via ITPR3. May play a role during fertilization in pronucleus congression and fusion.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same isoform (1).