

## Product datasheet for **MC201923**

### Lrmp (NM\_008511) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lrmp (NM_008511) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrmp
Synonyms:	D6Int3; D6Int4; D6Int5; D6Int7; D6Int8; Jaw1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC052909 sequence for NM\_008511  
AAGAGGTAATCCTGGGCCTGCTGCGCCCGCCGTGCAAACAGAATTGCAGAAGTTGAGCCTACGCTTATC  
ATTTCCGTGAGAAGAAAAGCATATTTCCAGTTTCTGTGCCTAAGAACAAGCATCCAGCGCCCTTCCCGC  
GGCTCAAACCCAGGCTGACCTGTGCATATGGGTGAGGGGATCAGGATGGGGCCTGCGCATGAGGCAAGC  
CTCTGCTACAAGAACTAGAGGAAGCGATTCCAGAAGGAGATCACAGTCCCAGCACTACTCAGACTCAGG  
AGCTGAAGACCAGGGGCTTCAGTATGCCTGTGCTTGACGGCCTCACAGCAATCCAAGGCTAGAAGTGA  
ACACCCATCTCATGTGCCAGAACTCAGCCCATGCTCTGTGTAAGAGTCCCGCAGAGCAGGAACAGAA  
GATGGGGCTTTGGACGTGACAAGAGGGTGCCAGTGCCCACTCCCGCAGGAAAGGCTCCATCTTGGGACAGG  
AGCTTCTAGACTGTACCGAATGAACGAGGACCAGAGTACAGACGAGAATGGTGCTGACCACTTGTATTC  
CGAGAGCCCGTACAGCTCAGGGAGTATCTCACACAGCCATCGTCTGAACAGACTTCATCCTCGGAGAGC  
ACTGTGACGTCAAGTGAGTCTGGATCAGACATTTTGCACATGGCTTCTGGTGACCTTGACTGAAACCTC  
TCTGTGAGAAGGAGGAGGAAGCAAGAGCCGCTCTGCCATGCAAGGCACCAAGCTAGCTCCTGCTGCTTA  
TGGAGACTACACGAGTGTGGCGTGGCCAAAGGCTGCATCCAGCTGGAAGCAGGAGAGGAAGTCAAGACC  
ACAGAAAACGGAGGGAAGGGCAGTGCCCGGGAGAGACGGAGATTTCCATGCCCCCAAAGCATCTGTGA  
AGCTCGTTAACTTTCAGCAGAGTGAACAACTTCAGCTAATGAGAAGGAAGTGGGGCAGAGTTCCTCAG  
GTTATCTTTGGACTTAAGTGTGACTGGTTTACATTGGAGAAGAGGGTGAAGCTTGAAGAGAGGTCCCGG  
GACCTGGCAGAGGAAAATTTGAAGAAAGAAATCAAACTGTTTAAAGCTTTTAGAGTCGCTGACTCCCC  
TGTGTGAAGAGGACAACCAAGGCTCAGGAAATCGTTAAGAAGCTGGAGAAGAGTATAGTACTGCTCAGCCA  
GTGCACAGCCCGAGTGGCCAGCAGGGCTGAGATGCTGGGCGCCATCAACCAGGAAAGCCGGGTGAGTAGA  
GCGGTGGAGGTGATGATCCAGCACGTGGAGAACCTGAAGCGGATGTACGCCAAAGAGCACGCAGAGCTGG  
AGGATCTGAAGCAAGCACTGCTGCAGAACGACAGGTCTTTAACTCTCTGCCAGATGAAGATGACTGTCA  
GATTAAGAAAGCGTTCATCTTCTCTAAATCCAAGCCATCTCTCTTGAAGAGTACCATTGCCTCTTTG  
CCAGGAATCTTGAAAATGTGGGGCTGGTGTGAGGCATGGAAAATAATGACAGATTCAGCCGGCGGTGCA  
GCAGCTGGAGAATCCTGGGGACAAGCAGGGTGAGCACCCGCCCTCGCTGCATCGCTTCATCAGCACCTA  
TTCTGGGCCGACGCTGAGGACGAGAGAAGTGACGTGAAAGCCAGAGACGCCCGAACCACAAGGCGAA  
GAGGCAGTGGAGGGGACCAGGAAGCCAGCCTTTCTGAGAGGAGAAGTAGCACATTGGCCTGGGACAGGG  
GCACAATCTGCAGCTCAGTGGCTTCTGGGTCACCTGCAGGCGTCTTCAGAAGAGCCAACAGAGC  
ACTCTGGCTCACGGGCTCATCATACTGATCGCAGCGCTGATGAGCTTCTCACAGGTCAGCTCTTC  
CAGACAGCCGTGGAGGCTGCGCCACACAGGAGGGGACTCCTGGCTGTCTTAGAACACATCTTATGGC  
CATTTACCAGACTCGTGCATGATGGACCACTGCCAGTGTGACTGACGTGCAGCTCAATGTACCCTTGGAT  
TTTAACGTTTCTCTGAGATTTGTAATTTGGTAACTTTTTTTTTAGTAACTATAGTGCAAAGCTAGGGTC  
CTCAGCAGCTGGGATCTTTTATCCCAACAAAAGCACAGGGGACTACAAAAGGAGGGGACCCCACT  
AGGGTATTTTAAATGAGCTTTCTGAGTGAGAGGCATCAGACTTTATTGAGATGTATCCAAATAAAGACCAT  
TCAAATCTTAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_008511

**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).

**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:** [BC052909](#), [AAH52909](#)

**RefSeq Size:** 2263 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 16970

**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 (1) encodes the longer isoform (1). Both variants 1 and 2 encode the same isoform. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.