

Product datasheet for **MC201220**

Lap3 (NM_024434) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lap3 (NM_024434) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lap3
Synonyms:	2410015L10Rik; AA410100; Lap; LAP-3; Lapep; Pep-7; Pep-S; Pep7; Peps
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016536 sequence for NM_024434
 CCGGAGGTCCCGCCTCCAGGCGCGGCCCTGCCACGCGCCACGTGCTCCTTCTCTGGAGGGCGGCGCCGA
 GGGCCGAGCCGAGAAGATGTAAGTACTTGGCTGCCCTTCCGGCTGCCGCGGAGTCGCGCTCCGCCGCTGGGA
 GTGAGAGGTCTCTGGGATCGGGTCTGTCCACCGCAGACATGACGAAGGGCCTTGTGTTTAGGAATTTATG
 CCAAAGACAAAGATGATGACCTGCCACAATTTACAAGTGGGGAGAGAGTTTTTAAGTTGGTGTCTGG
 AAAGCTGAGGGAAATGTTGAACATATCTGGACCTCCTCTCAAAGCAGGCAAAACCAGAACCTTCTATGGT
 CTGCATCAGGACTTCCCGAGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 AAAACTGGCACGAAGGCAAGAAAAACATCAGAGCTGCTGTTGCAGCGGGATGCAGGCAGGTCCAAGACCT
 GGAGCTGCCGTCCGTGGAGGTGGATCCCTGTGGAGATGCGCAAGCTGCTGCAGAAGGAGCTGTGCTTGGT
 CTCTATGAGTACGATGACCTGAAGCAGAAGAAGAGGTGGCTGTGTGCGCGAAGCTCCACGGAAGCGGTG
 ATCTCGAGGCCTGGGAGAAAGGGTCTCTTTGCTTCTGGACAGAACTTGGCCCGTCATCTGATGGAGTC
 TCCAGCCAATGAGATGACACCAACCAGATTGCTGAAATCATTGAAAAAACCTCAAAGTGCCAGTAGT
 AAAACCAAGGTCCATATCAGACCAAGTCTGGATAGAGGAACAAGAAATGGGTTCTGTTCTAAGTGTAG
 CCAAGGGGTCTGAAGAACCACAGTCTTCTTGAAATCCACTACATGGGCAGCCCAATGCAACCGAGGC
 ACCCTGGTGTGTTGGGGAAGGGCATTACCTTTGACAGTGGAGGTATCTCCATCAAGGCTTCTGCAAAC
 ATGGACCTCATGAGGGCTGATATGGGAGGAGCAGCAACAATATGCTCGGCCATTGTGTCTGCGGCAAGC
 TCAACTTGCCCATTAACATCATTGGTTTGGCCCTCTTTGTGAAAATATGCCTAGCGGCAAGGCCAACAA
 GCCAGGGGATGTCGTGAGAGCCAGGAATGGGAAGACCATCCAGGTTGATAACACTGACGCCGAGGGGAGG
 CTCATCTGGCCGATGCACTCTGTTATGCACACACCTTTAATCCCAAGGTGATCAATGCTGCCACCT
 TAACAGGTGCCATGGATGTAGCCCTGGGGTCCAGTGGCCTGGAGTCTTTACCAATTCGCTCTGGCTGTG
 GAACAACTATTTGAGGCCAGCGTAGAACTGGGGACCGAGTCTGGAGGATGCCCTCTTTGAGCATTAT
 ACAAGACAAGTCATAGATTGCCAGCTTGGTGTGACACATACGAAGTGGGCACACTTAGACATAGCAGGAGT
 GTACAGCTGCCGATTCCTGCGAGAGTTTGTGACACATACGAAGTGGGCACACTTAGACATAGCAGGAGT
 GATGACCAACAAAGATGAGATTCCCTACCTGCGGAAGGGGATGAGTGGGCGGCCACGAGGACTCTGATT
 GAGTTCTTACTTCGATTAGTAAAGACAGTTCTTAGTTCACTCACAGATTACTCCATCTGTCTTGAATTG
 GATATTTGACCTTCAAAATATTTTTGAATGAATGAAAATCTTTTAAAGACTAAAAATGATGTTGTTCTTT
 TTTTAACTCTTAAATTTTGAATACTTTAATATGCTTGAATCATGGAAATCTAAATGATATATGACTTAA
 TATAGGCCCTTAAACTATTAACATCTTGAATAATATGCATTTTCAAGCCATATTTACTATTTTAC
 AAGATAGGGGAAATCTTAAAGTCCATAAAAATGGACAAAGGCCAGGCATGGGGTGCAGAACTTTGATCCCA
 GCATTTGGGAGGCAGAGGCAGCTCGATTTCTGAGTTTGGAGCCATCGTGGTCTACAGAGTGAATTCAGG
 ATAGCCATGGCTATACAGAGAAACCCTGTCTTGGAAAAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_024434
- Insert Size:** 1560 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: [BC016536](#), [AAH16536](#)

RefSeq Size: 2108 bp

RefSeq ORF: 1560 bp

Locus ID: 66988

UniProt ID: [Q9CPY7](#)

Cytogenetics: 5 24.98 cM

Gene Summary: Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various peptides (By similarity).[UniProtKB/Swiss-Prot Function]