

Product datasheet for **RN209770**

Lap3 (NM_001011910) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lap3 (NM_001011910) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lap3
Synonyms:	LAP-3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209770 representing NM_001011910
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTACTTGCTGCCTCTCCGGCAGCCGCGGAGTCGCGCTCCGCAGGCTGGGAGTGAGAGTCTCTGGG
 ATCGGGGTCTGTCCACCGCAGACATGACGAAGGCCTTGTTTTAGGAATTTATCCAAAGACAAAGATGA
 TGACGTACCACAGTTTACAAGTGCAAGGAGAGAATTTTAATAAGTTGGTGTCTGGAAGGCTGAGGAAATG
 TTGAACATATCGGGACCTCCTCTCAAGGCAGGCAAAACCCGAACCTTCTATGGTCTGCATCAGGACTTCC
 CCAGCGTGGTGGTGTCCGGCCTTGGCAAGAGATCGGCTGGTGTGATGACCAGGAAAACCTGGCACGAAGG
 CAAGGAGAACATCCGAGCTGCTGTTGCAGCGGGATGCAGGCAGGTCCAAGACCTGGAGCTGCCGTCGGTG
 GAGGTGGATCCCTGTGGAGATGCTCAGGCTGCTGCGGAAGGAGCTGTGCTTGGCCTCTACGAGTATGATG
 ACCTAAAGCAGAAAAAGAAGGTGGCTGTGTCGGCCAAGCTCCATGGAAGTGGTACCTCGAGGCCTGGGA
 GAAAGGGTCTCTTTGCTTCTGGGCAGAACTTGGCCCGCAGCTGATGGAGTCTCCAGCCAATGAAATG
 ACACCAACCAGATTTGCCGAAGTTATTGAAAAAATCTCAAAAGTGCCAGTAGTAAAACCGAGGTCCATA
 TCAGAACCAAATCCTGGATAGAGGAACAAGAAATGGGTTCAATTCCTAAGTGTAGCCAAGGGTCTGAAGA
 ACCACCACTTCTTGGAAATCCACTATACTGGCAGCCCCAATGCAACTGAAGCACCCCTGGTGTGTTGTG
 GGAAAGGGCATTACCTTTGACAGCGGAGGTATCTCCATCAAGGCTTCTGCAAATATGGACCTCATGAGGG
 CTGACATGGGAGGAGCAGCAACAATATGCTCGGCCATTGTGTCTGCAGCAAAGCTCAATCTGCCATTAA
 TATCATAGGTTTGGCCCTCTTTGTGAAAACATGCCTAGCGGCAAGGCCAACAAACCAGGGGATGTTGTC
 AGAGCCAGGAATGGGAAGACTATCCAGGTCGACAACACTGATGCCGAGGGCAGGCTCATCTGCCGACG
 CACTCTGCTATGCACACACCTTCAATCCCAAGGTCATCATCAATGCTGCCACTTTAACAGGTGCCATTGGA
 CGTAGCCCTGGGATCAGGTGCCACTGGAGTCTTTACCAATTCATCCTGGCTGTGGAACAACACTATTTGAG
 GCCAGTGTAGAACTGGGGACCGAGTCTGGAGGATGCCCTCTTTGAGCATTATACAAGCAAGTCATAG
 ATTGCCAACTTGCTGATGTGAACAATCTTGGAAAATACAGATCTGCAGGTGCGTGACAGCTGCGGCATT
 CCTGCGAGAGTTTGTGACTCATACAAAGTGGGCACATTTAGACATAGCCGGTGTGATGACCAACAAGGAC
 GAGATTCCTATCTGCGGAAGGGAATGAGTGGGAGACCCACAAGGACTCTGATTGAGTCTTACTTCGCT
 TCAGCAAAGACAGTTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001011910

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: [NM_001011910.1](#), [NP_001011910.1](#)

RefSeq Size: 2211 bp

RefSeq ORF: 1560 bp

Locus ID: 289668

UniProt ID: [Q68FS4](#)

Cytogenetics: 14q11

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]