

Product datasheet for **RN209712**

Lck (NM_001100709) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lck (NM_001100709) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lck
Synonyms:	Lck1; Lcktkr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN209712 representing NM_001100709
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCTGTGTCTGCAGCTCAAACCCGAAGTACTGGATGGAGAACATTGACGTGTGTGAAAACCTGCC
 ACTATCCCATAGTCCCACTGGACAGCAAGAGTACGCTGCCCATCCGGACCGGCTCTGAAGTTCGGGACCC
 ACTGGTCACTATGAGGGCTCCCTCCACAGCCTCCCGCTGCAAGACAACCTAGTTATTGCCCTGCAC
 AGCTATGAGCCCTCCCATGATGGAGACTTGGGCTTTGAAAAGGGTGAACAGCTCCGAATCTGGAGCAGA
 GCGGTGAGTGGTGAAGGCTCAGTCCCTGACCACTGGCCAAGAAGGCTTCATCCCCTTCACTTCGTGGC
 GAAAGCAAACAGCCTGGAGCCTGAACCTTGGTTCTTCAAAAATCTGAGCCGTAAGGACGCCGAGCGGCAG
 CTTTTGGCGCCCGGAACACGCATGGATCCTTCTGATCCGGAAAGCGAAAGCACCGCCGGATCCTTTT
 CACTGTCAGTCAGAGACTTCGACCAGAACCAGGGAGAAGTGGTGAACATTACAAGATCCGTAACCTAGA
 CAACGGTGGCTTCTACATCTCCCTCGTATCACTTTTCCGGACTACACGATCTGGTCCGCCATTACACC
 AACGCCTCTGATGGGCTGTGCACAAAATTGAGCCGTCCTTGCCAGACCCAGAAGCCCAAGAACCATGGT
 GGGAGGACGAATGGGAAGTTCCAGAGAGACATTGAAGTTGGTTGAGCGGCTGGGAGCTGGCCAGTTTCGG
 GGAAGTGTGGATGGGATACTACAATGGACACACGAAGGTGGCAGTGAAAAGTCTGAAGCAAGGGAGTATG
 TCTCCTGATGCCTTCTGGCAGAGGCTAACCTCATGAAGCAGCTGCAGCACCCCGCGGCTCGTCCGGCTTT
 ATGCAGTGGTCACCCAGGAGCCCATCTACATTATCACAGAATACATGGAGAACGGGAGCCTAGTAGATTT
 CCTCAAGACTCCCTCGGGCATCAAGTTGAACGTCAACAACTTTTGGACATGGCAGCCAGATTGCAGAG
 GGCATGGCGTTTCATCGAAGAGCAGAATTACATCCATCGTGACCTGCGGGCTGCCAACATCCTGGTGTCTG
 ACACGCTGAGCTGCAAAATTGCAGACTTTGGCCTGGCACGTCTGATTGAGGACAATGAATACACGGCCCG
 GGAGGGGCCAAGTTTCCATTAAAGTGGACAGCACAGAAAGCCATTAACATATGGGACCTTTACCATCAAG
 TCAGATGTGTGGTCTTCCGGATCCTGCTGACAGAGATCGTCACCCATGGCCGGATCCCTTACCCAGGAA
 TGACCAACCTGAAGTCAATTCAGAACCTGGAAAAAGGCTACCGAATGGTGCACCTGACAACCTGCCCGGA
 AGAGCTGTACCACCTCATGATGCTGTGCTGGAAGGAGCGCCAGAGGACAGGCCACGTTTGACTACCTT
 CGGAGCGTTCTGGATGACTTCTTACAGCCACAGAGGGCCAGTACCAGCCCCAGCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001100709

Insert Size: 1530 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_001100709.1](#), [NP_001094179.1](#)

RefSeq Size: 1978 bp

RefSeq ORF: 1530 bp

Locus ID: 313050

UniProt ID: [Q01621](#)

Cytogenetics: 5q36

Gene Summary: mouse homolog is a kinase involved in activation-induced T cell death [RGD, Feb 2006]