

Product datasheet for **RN200838**

Limk1 (NM_031727) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Limk1 (NM_031727) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Limk1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200838 representing NM_031727
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGGTTGACGCTACTTTGTTGCACCTGGAGGGAAGAACGTATGGGAGAGGAAGGAAGCGAGTTGCCTG
TGTGTGCGAGCTGTAGCCAGAGTATCTATGACGGCCAGTACCTCCAGGCCCTGAATGCTGACTGGCATGC
GGATTGCTTCAGGTGCTGCGAGTGTAGCACCTCCCTTTACACCACTACTACGAGAAGGATGGACAGCTC
TTCTGCAAGAAGGACTACTGGGCCCGCTATGGCGAGTCTTGCCACGGGTGCTCCGAACACATCACAAAG
GGCTGGTCATGGTGGCCGGGAGCTGAAGTATCACCCGAGTGTTCATCTGCCTTGCTGTGAAACTT
CATCGGTGATGGGACACCTACACACTGGTGGAGCACTCCAAGCTGTACTGCGGGCAGTGTACTACCAG
ACTGTGGTAACTCAGTCATCGAACAGATCCTCCCTGACTCACCCGGCTCCCACCTGCCACACAGTCA
CCCTCGTGTCTATCCCAGCTCTGCTCATGGCAAACGAGGCTGTCTGTCTCCATCGACCCCTCAGG
CCCACCAGGATGTGGCACGGAGCATTTCGCACACGGTCCGAGTCCAAGGAGTGGACCCGGGTGCATGAGC
CCGGATGTGAAGAATCCATCCACATCGGAGACAGGATCTTGAAATCAACGGCACGCCCATCCGGAATG
TGCCGCTGGACGAGATCGACTTGCTGATCCAGGAGACCAGCCGCCTGCTCCAGCTGACCTCGAGACGA
CCCCATGACTACTGGGCCATGGGCCAGTGTCCGATCCCAGCCCTGGCTCCCCTGACACTCCC
AGCGGACAGGCAGGCAGCTCTGCCCGCAGAACTGTCTTGAGGAGCTGCAGTATTGACACGTCCCGG
GTGCCGGCTCACTAGTCTCACCAGCTCCCAGCGCAAGGACCTGGGTGCTCCGAATCCCTCCGAGTGGT
TTGTCGACCACACCGCATCTCCGGCGCTGACCTCATCCATGGGGAGGTGTTGGGCAAGGGCTGTTT
GGCCAGGCCATCAAGGTGACACATCGAGAAACGGGCGAGGTGATGGTGTGAAGGAACATCCGGTTT
ACGAGGACACCCAGAGGACATTCCTCAAGGAGTGAAGGTCCGATGCCTGGAGCACCCTAACGTGCT
CAAGTTCATCGGGTGTGTACAAGGACAAGCGGCTGAACCTCATCACCGAGTACATCAAGGGCGGCACC
CTGCGGGGCATCATCAAGAGCATGGACAGCCAGTACCCGTGGAGTCAGAGGGTCAGCTTTGCCAAGGACA
TTGCATCAGGGATGGCTACCTCCATTCGATGAACATCATCCACCAGACCTCAACTCCCACAAGTGTCT
GGTCCGTGAGAACAGGAACGTGGTGGTGGCTGACTTTGGGCTGGCTCGACTCATGATCGATGAGAAGGT
CAGTCTGAAGACTTGGTAGCCTTAAGAAGCCGGACCGCAAGAAACGGTACACAGTGGTGGTAACCCCT
ACTGGATGGCGCCAGAGATGATCAATGGTCGTAGTTACGATGAAAAGGTGGACGTGTTTCTTTGGAAT
TGTCTTTGTGAGATTATCGGGCGTGTGAATGCAGACCCTGACTATCTGCCCCGACTATGGACTTTGGC
CTCAATGTAAGGGTTTCTGGACCGCTACTGTCCACAAACTGTCCCCAAGTTTCTTCCCATCACTG
TGCCTGTGTGACCTGGATCCTGAGAAGAGGCCCTTTTTGTAAGCTGGAACAATGGCTAGAAACACT
TCGCATGCACTTGGCTGGTCACCTGCCACTGGGCCCAACTGGAACAACCTGGAGCGGGCTTCTGGGAG
ACCTACCGGGCGGGCGAGAGCTCGCTACCCGCCACCCCGAGGTCCCTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1491_a08.zip

Restriction Sites: SgfI-MluI

ACCN: NM_031727

Insert Size: 1944 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_031727.2](#), [NP_113915.2](#)

RefSeq Size: 3290 bp

RefSeq ORF: 1944 bp

Locus ID: 65172

Cytogenetics: 12q12

Gene Summary: kinase that may be involved in control of actin dynamics in the cell [RGD, Feb 2006]