

Product datasheet for **RN210282**

Lcp1 (NM_001012044) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lcp1 (NM_001012044) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lcp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210282 representing NM_001012044
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGAGGATCCGTGTCTGATGAAGAAATGATGGAGCTCAGAGAGGCTTTTGCCAAAGTCGATACTG
 ACGGCAACGGGTACATCAGCTGCAATGAACTGAATGACTTGTTC AAGCGGCCTGCCTGCCTCTGCCTGG
 CTACCGAGTGAGAGAAATCACAGAGAACCTGATGGCCACAGGTGACCTGGACCAAGATGGGAAGATTAGC
 TTTGATGAGTTTATCAAGGTCTTCCATGGCTTAAAAAGCACCGAGGTTGCCAAAACCTTCCGAAAAGCTA
 TCAACAAGAAGGAAGGGATCTGTGCGATCGGTGGCACCTCTGAGCAGTCCAGCGTGGTACCCAGCATT
 CTACTCAGAGGAAGAAAAGTATGCCTTTGTCAACTGGATAAACAAAGCCCTGGAGAATGACCCTGACTGC
 CGGCACGTATCCCATGAACCCGAACACCGATGATCTTCAATGCTGTGGGGATGGCATAAGTCTTT
 GTAAAATGGTCAACCTGTCTGTGCCAGACACAATTGATGAAAGAACAATCAACAAGAAGAAGCTCACACC
 GTTCACCATTAGGAAAACCTTGAACCTAGCTCTGAACTCTGCCTCGGCCATCGGATGCCATGTAGTTAAT
 ATAGGGGCTGAGGACCTGAAGGAGGGGAAGCCATATCTGGTCTGGGACTTTTGTGGCAAGTTATCAAGA
 TTGGGTTGTTTGCTGACATTGAACCTCAGCAGAAATGAAGCTCTGATTGCTCTTTGAGAGAGGAGAGAG
 CCTAGAGGATTTGATGAAGTTGTCTCCTGAAGAACTCCTGTTGCGGTGGGCGAACTACCACCTAGAAAAT
 GCAGGCTGCACCAAAATCAACCACTTCAAGCACTGACATCAAGGACTCGAAAGCTTATTACCACCTGCTCG
 AGCAGGTGGTCCGAGAGGAGATGAAGAAGGGATCCCGGCTGTAGTGATTGACATGTGAGGACTGAGGGA
 GAAGGATGACATCCAGAGAGCAGAGTGTATGTTGCAGCAGGCAGAGAGGCTGGGCTGCCGGCAGTTTGT
 ACAGCCACTGATGTTGTCCGAGGGAACCCCAAGTTGAACCTGGCCTTATTGCCAACCTCTTTAACAAAT
 ACCCTGCCTTGCACAAACCGGAGAACCAGGACATTGACTGGGGGGCTCTCGAAGGTGAGACGAGGGAAGA
 GCGGACGTTTCAAGAACTGGATGAACTCACTGGGAGTTAACCTGGAGTCAATCATTGTACAGCGACTTA
 TCCGACGCCCTGGTCATCTTCCAGCTCTATGAAAAGATCAAAGTCCCTGTTGACTGGAACAGAGTAAACA
 GACCTCCATACCCCAAGCTGGGGGGCAACATGAAAAGCTCGAGAAGTGAATTATGCAAGTGGATCTGGG
 GAAGAATCAAGCTAAATTTCCCTAGTTGGTATCGCAGGACAAGACCTCAATGAAGGAAACCGCACTCTG
 ACGCTGGCATTGGTTTGGCAGCTCATGAGAAGGTACACACTGAATATCCTGGAAGATATTGGAGGTGGTC
 AGAAGGTCAATGATGACATTATTGTCAACTGGTGAACACGACATTGAAGGAGGCACAGAAAAGTTCGTC
 CATCACTAGCTTCAAGGACCCAAAGATCAGCACCAGCCTCCCGTTCTGGATCTCATCGATGCCATTGAG
 CCAGGCTCCATAAATGACCTTCTGAAGACAGAAAACCTGGATGATGAAGAGAAGCTCAACAATGCAA
 AGTATGCTATCTCCATGGCCAGAAAAATCGGAGCAAGAGTGTATGCCCTTCCAGAAGACCTGGTTGAAGT
 GAACCCCAAAATGGTCATGACAGTTCGCTTGCCTCATGGGAAAGGGATGAAGAGGGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012044

Insert Size: 1884 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_001012044.1](#), [NP_001012044.1](#)

RefSeq Size: 3436 bp

RefSeq ORF: 1884 bp

Locus ID: 306071

Cytogenetics: 15q11