

Product datasheet for **RN210515**

Lcp2 (NM_130421) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lcp2 (NM_130421) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lcp2
Synonyms:	Slp76
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210515 representing NM_130421
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTTGAAGAATGTCCCCTTCGCTCAGAGGTCTTAGCCTGGAACCCAGACAACCTTGCTGATTATT
 TCAGGAAGCTGAACTACAGAGACTGTGAGAAGGCTGTGAAGAAATACCACATTGATGGCGCTCGGTTTTT
 GAACCTGACAGAAAACGACATTCAGAAGTTTCTAAACTGAGGATGCCGATTCTCAGTAAGTTGAGTCAA
 GATATCAACAAGAACGAAGAGAGAAGGAGCATTTTACACGCAAACCCCGTTCCACGATATCCTGAGG
 AAATAGAAATCCATGAAGAAGACGATGGTGGTGCATCCTTTGAAGATGACTATGAAAGTCCCAATGA
 CGACGATCCAGATGGGGAGGATGATGGTACTATGAGTCCCCTAACGAGGAGGAAGAGACGCTAGTGGAC
 GATGCTGCTGACTATGAGCCGCCACCCTCCAACGATGAGGAGGCTCTGCAGAACTCCATCCTGCCTGCCA
 AGCCTTTCCCAACCAACTCCATGTACATTGACCGGCTCCCACCGGCAAGGTCTCCAGCAGCCTCC
 GGTGCCCCCGCAGAGACCAATGGCCGCCCTCCCTCCCCTGCCAACAGGCCGGAATCACTCGCCCAACCAT
 GAAGAACCTAGCAGAAATCGGAACCATAAAACAGCAAAGCTGCCTGCTCCATCAATAGACAGAAGCACAA
 AACCTCCCCTGGACCGCTCATTGGCTCCTCTTGTACCGAGAGCCCTTACTGGGAAAGAAACCCCTCTGA
 TAAGCCCTCCGCTCCACTGGGAAGGGAGCATTTACCCAAGATACAGAAGCCTCCTTTGCCGCCAGCCATG
 GACAGACACGAAAGAAATGAAAGAATCGGACCCCTGACAGCAAGGAAGCCACCAGTTCGAAGGCATGGAA
 GGGGACCAGACAGAAGAGACAATGATGAAGATGATGTGCACCAGAGGCCCTTTGCCACCCCATCACTACC
 TTCTATGAGTCCAACACATTTCTTCGAGATCTACCAAGCCCAGCCCCAAGAACACATTTCCATTGCCT
 CACATGCCGGGAGCCATCTCAGAAAGTAACATTGGCTTTCAGCAGAGTGCCTCCCTGCCATCATACTTCT
 CTAAGGTCCCAGCAGCAGGCCACCTGTCAGAAATGAAGTCAGAAACTTACCTTTACCAGTTCCAAACAG
 GCCTCAGCTCCATCTCCTGGGGAAGAAGTCTCCATTAGACGAAGAATGGTATGTCTCTTATATTACC
 CGGCCAGAGGCAGAAGCTGCTCTGAGGAAGATAAACCAGGATGGCACCTTCTGTTAGAGACAGCTCTA
 AGAAGACAGTGAACAATCCATATGTCCTCATGGTGTGTACAAAGACAAAGTTTACAACATCCAGATCCG
 TTACCAGGAGAAAGTCAAGTCTATTTGTTGGTACTGGGCTTCGGGGAAAAGAGGACTTCTGTCTGTA
 TCAGATATTATTGACTACTTCAGGAAAATGCCACTGTTACTCATTGATGGAAAAAACCGAGGGTCTAGAT
 ACCAGTGCACACTAACACATGCTGCAGGCTGTCTG**TAG**

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_130421
- Insert Size:** 1578 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_130421.2](#), [NP_569105.1](#)

RefSeq Size: 3407 bp

RefSeq ORF: 1578 bp

Locus ID: 155918

Cytogenetics: 10q12

Gene Summary: hematopoietic cell-specific protein; may mediate signaling events in multiple cell types in the immune system [RGD, Feb 2006]