

Product datasheet for **RN209582**

Cpq (NM_031640) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpq (NM_031640) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpq
Synonyms:	LAL; lal-1; Pgcp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209582 representing NM_031640
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGTTCTTTTCTTCTGTTGCTGTTGTTACCTTTTCTCCTGGGCTCTGAAAAGCTATAT
 ACAAGAGTGGTGTTCAGCGAACATTTCAAGAAATAAAAGAAGAAATAGCCAACCTATGAAGATGTTGC
 TAAAGCAATTATCAACCTTGCTGTTTATGGAAAATACCAGAACCAGGTCGTATGAGCGTTTGGGACTTCTA
 GTTGATACTGTTGGACCCAGACTGAGTGGCTCTAAGAACCAGAGAAAGCTATCCAAATCATGTACCAAA
 ACCTGCAACAAGATGGGCTGGAAAACGTCCACCTGGAGCAGGTCAGAATACCTCACTGGGGGAGGGGCGA
 AGAATCTGCAGTGATGGTGGTGCCTCGAATTCACAAGTTGGCTATTTTAGGCCTTGGCGGCAGCATTGGG
 ACTCCTCTGAAGGTATCACAGCAGAAGTACTCGTGGTGGCTCTTTTGTGAACCTCAAAGAAGGGCAT
 CAGAGGCAAGAGGAAGATTGTTGTTTATAACCAGCCTTACACTGACTATGGGAAAACCTGTGCAGTACCG
 GGAGCGCGGAGCTGTGGAAGCTGCCAAGGTGGGGCCGTGGCATCCCTCATCCGATCAGTAGCTTCTTTT
 TCCATCTACAGTCTCACACAGGTCATCAAGGATATCAAGATGGTGTGCCAAGATTCACACAGCCTGTA
 TCACAATAGAAGATGCAGAAATGATGTCTCGAATGGCTTCTCGTGGGACAAAATTTGCATTTCATCTGAA
 AATGGGAGCAAAGACCTATCCAGATACAGATTCCTTCAACACTGTTGCAGAGATCACTGGGAGCAAGTAT
 CCAGAGGAAGTTGCTGGTGCAGTGGACATCTGGACAGCTGGGACGTGGGACAGGTCAGTGGATGATG
 GCGGTGGAGCCTTCATATCATGGGAAGCACTCTCACTTGTAAAGATCTTGGGCTGCGTCCAAAGAGGAC
 TCTGCGCTTGGTCTCTGGACCCGAGAAGAACAAGGAGGGTGGTGCCTCCAGTATTATGAGCTACAT
 AAGGCAAATATTTCCAAGTACAGTTTGGTATGGAGGCTGACTCAGGAACCTTCTTACCCACTGGGCTGC
 AGTTCACCGGCAGTGACAAGGCCAGGGCTATCATGAAGGAAGTCATGAGTCTCCTGCAACCCCTCAATAT
 CACCAAGGTCTTTAATGATGCAGAAGGAAGTACATTAACCTTCTGGATCCAAGCTGGAGTGCCTGGAGCC
 AGTCTGCGAGATGACTTGTACAAGTATTTCTTTTCCATCATTCCCATGGAGACACCATGACTGCCATGG
 ATCCAAAGCAGATGAATGTTGCTGCTGCTGTTGGGCTGTTGTCGCTTACGTTGTGGCAGACATGGAGGA
 AATGCTGCCAGGTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031640

Insert Size: 1419 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_031640.1](#), [NP_113828.1](#)
RefSeq Size: 1778 bp
RefSeq ORF: 1419 bp
Locus ID: 58952
UniProt ID: [Q6IRK9](#)
Cytogenetics: 7q22
Gene Summary: plays a role in liver regeneration [RGD, Feb 2006]