

Product datasheet for **RN209462**

Cep89 (NM_001127599) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep89 (NM_001127599) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cep89
Synonyms:	Ccdc123; RGD1311730
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209462 representing NM_001127599
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCCTCAGCTTCCGCAGGAACCGCCGAGCCAGTTCAACCACATCATCCATGGCTTCTCCCTGCAG
 CCAGCATTGCTCCGAAGCCAGCTGTGCCACGCACACCCCTCCCGAAGCCCAACCCCTCTCCAGAGAG
 GCCCAGATCTGCTCTGGCTGCAGCCATCTGGCAACCACCTTGACTGGACAGACAGTTGCCATTCCTCAG
 CCTCGCCAGAGATCCCGGTCTGAGAGTGATGCCTCCCAAGTTGAAAAGGACAGCTTCATCGAGCCATATG
 CCACCACCTCAGAGCTGAGGCTTCGGCAAAGCTGGCAGAATGAGCCGAAAAGGACTTCCTTGCCGTCTT
 TGAGACGTTGGGCTACCGGGAGGATGAAGATGCTGAAACACAGGTGTCCAGCAGCTGCAGGGAGTCGGAG
 TCCACCACCTGGAAGGATGTGGGAGACGGCAGAGGTGCAGCGTACGCTGTGCCTCTCAGGCGTCAGGTAT
 CGTCGTACAAAAGCTGGTGAGAAAAGGTGATGCTTCTGAGCAAGACTGGCTTTCAGACTCCTCCTCTC
 CTCTCCACACCCGAGGACACTCAACAGAAAGATGTTAAGCCCTCTGTTCCGAATCTAGAGGATGAGAAA
 GTACCACTGTGTA AAAAGACCCCTCCCTCTCCAGATGTAGCTGGTAGAATACATCAAAGATATACAAAA
 TAACCAAAGAAAAGTTTACGAGTTAAAAGAAGAAACAGTGCATCTTTACTGCAAACCAAGCCCTCAG
 CCTTGAAGTGAAGCACTCTGAGACAGGCAATGAAGGACTTACAGCTGAAGCTCAAGATAGTGGAAAAAGAC
 AACAGGAAGCTGAAGGAAAACAGAAAAGGCCCTCCTCTCAGGAAGTGTACACCTGAATGCTTTGCTTAA
 GGAAGCAAAGCCAAGACCTGGTGGATGAGAACGAGGGCCTGAAGATGATTATCCATCGCCTGAATGTAGA
 ACTCAGTCGCTACCAGACAAAATTCGGCCTTTGTCTGAGGAAGAGAGTTCCTATATTGAAGGCCCTCCCA
 TCTAAGGGCCCCACACCCCTGGTTGGTGGATATAAAGTACCTCTCACCCCTGTTGCTGGCTTATGAAG
 ACAGAAATGAAAGAAAAGGACAAACTCAGCACCCCTGGAGGAGGAAAATGAAAACCTTTAGACTGCGGAT
 CCAAGAAGTGGTGAAGGAAAATGAAGGCTTGACCAAGAGTTAACTAAGAGAAGCCCGTCACCATCGAG
 GAATGGAGGCAGCTTCAGACTCAAGCAGAGCTGGTTCTAGATGAGAACAAGCTCTTGATAGAGCAGTTGG
 AGATCCAGCAAACGAAAGCCAAGGACACCCAGCAGGCGCACCTCCGGGACGTTTCTAAGCTGACTAAACA
 ACTTGTGCTCCTGGAGGCAAAGACTCAGAGCCAGGAAAAGCAGCTCATGGAAAGCAAGGAGCAGCTGGAG
 AGCTTGGAGGCCAGATGCCGAGAGCTCAAGACACAGCTGGATAGCAAGATCGCACCAGACGTCCACACAT
 CAATTGTCAATGAACTAAAAGCCAGTTGCAAAAGGAAGAAGAGAAAGACAGTGTGAGATGGAGGAGCT
 GATGGGAAAGCTGACAGCCCTGCAGGTGCAGAAGAAGAGCCTGCTTCTGGAGAAGAGCAGCTGGGCCACC
 AGCAACAGAGCACTAGAGGCTGAGCTGGAGCTCACACGCAAGGCCAACAGGCGATACCAAAGAAGATTG
 GTGTCTCAGAAAAGCAGGTAGAAAAGGCCATGGGGAAGGAGATGTCCGCTCACCAGTACCTGGCAAACCT
 GGTGGGCTTGGCAGAGAATGTCACCAAGGAACGAGACAGTCTTAAGTATTTGATGCTGGAGAAGCGCACA
 GCCAGCAAGAACCTGGCAGGTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001127599
- Insert Size:** 1917 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_001127599.1](#), [NP_001121071.1](#)

RefSeq Size: 2744 bp

RefSeq ORF: 1917 bp

Locus ID: 292811

Cytogenetics: 1q21