

Product datasheet for **RN213772**

Creb5 (NM_001134621) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Creb5 (NM_001134621) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Creb5
Synonyms:	RGD1566107
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213772 representing NM_001134621
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGCAGCGGAACCCCGGAGAAAGTTTGCAAACCTCCACCATTCGCGCAAGACGCCTGGTCACCTA
 GGGCGGCCGGCGAGTTTGAGGGGGCTCTCTCCACCGGTGCCAGCGGCCGTGCCATCTCTCGA
 GACCCGCTACCGCTGCAGCTGATTTATGAGGAATCCAAGATGAACTTGGAGCAGGAGAGCCGTTTGTC
 TGCAGTCCCCAGGCTGCTCTCAGCGTTTCCCAACAGAGGACCATCTGATGATTCATAGGCACAAGCATG
 AGATGACTTTGAAGTTTCCTTCGATAAAAAAGACAACATGCTATCAGATCAGACTCCAACGCCAACAAAG
 ATTCCTGAAGAACTGTGAGGAGGTGGTCTCTTCAGCGAGCTGGACTGCTCTTTGAGCACGAGTTCAGG
 AAGGCTCAAGAGGAAGAGAGCAGCAAGAGGAATATCTCCATGCACAATACAGTTGGTGGGACCATGACGG
 GGCCTGGAGCTCACCAGTTAGGCAGCTCACGGATGCCCAACCACGACACCAGTGTGTGATTGAGCAAGC
 CATGCCTTACCCAGTCCAGCTCAGTCATCACGAGGCTCCCTCCACCAACCGCCAGATCGGGCCTGTC
 CCAGGCTCTATCATCTCTGCTCCATCTCCACAACAGACAGAGACGCCATGCCAGCCTCCATGCCTG
 GAACCTGCCCAACCCACCATGCCGGATCTTCTGCCGTCTTGATGCCTATGGAAGGCAGATGTCAGT
 GAACTCCAGCATCATGGGCATGCAAGGTCCAAACCTTAGCAACCCCTGTGCTTCTCCCCAGGTTACAGCC
 ATGCATTCTGAAGCCAAAATGAGATTGAAGGCTGCATTGACTCACCATCTGCTGCCATGTCGAATGGGA
 ACATGAGCACCATCGGACACATGATGGAGATGATGGGCTCCCGGCAAGACCAGACGCCGCACCACCACAT
 GCATTCGACCCGCATCAGCACCAGACTGCCGCCCCACCACCCTATCCACACCAGCACCAGCACCC
 GCACACCATCCCCACCAACCTCACCACCAGCAGAACCACCCGACCACCCTCCATTCCCACCTCC
 ACGCACACCCGGGCACCACCAGACCTCGCCACACCCGCCCTGCACACCGGCAACCAAGCACAGTTC
 ACCAGCCACACAACAGATGCAGCAACCCAGACAATAACAACCGCCAGCCACAGGGGGACGCCGACGA
 AGGGTGGTGGATGAGACCCAGATGAGAGCGGAGGAAATTTCTGAAAGGAACCGGGCCCGCCACCC
 GCTGCAGACAGAAGGAAGGTCTGGGTGATGTCACTGGAAAAGAAAGCTGAAGAGCTCACCCAGACAAA
 CATGCAGCTTCAGAATGAAGTGTCCATGTTGAAAAATGAGGTGGCCAGCTGAAGCAGTTGTTGTTAA
 CATAAAGACTGTCCAATAACAGCCATGCAGAAAGAATCACAAGGATACTTAAGTCCAGAGAGCAGCCCTC
 CTGCGAGCCCGTGCCAGCGTGTCTCTCAGCAGCAAGTATCCAGCATAACACCATCAGGACATCCTCATC
 GGTCAGCGAGGTGGTGGGAGCTCCACCCTCAGTCAGCTCACGAGTCACAGAACAGACCTGAACCTATT
 CTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001134621
- Insert Size:** 1686 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_001134621.1](#), [NP_001128093.1](#)

RefSeq Size: 4148 bp

RefSeq ORF: 1686 bp

Locus ID: 500131

Cytogenetics: 4q24