

Product datasheet for **RN217030**

Crebrf (NM_001277157) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crebrf (NM_001277157) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Crebrf
Synonyms:	RGD1310862
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217030 representing NM_001277157
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTCAGCCAGCGTAAGCGGAATGGATCCGCCTTTGGGGATGCCTTTCGAAGCCACACCTTTTCAG
 AACAGACTCTGATGAGCACAGATCTCTTAGCCAACAGTTCGATCCAGATTTTCATGTATGAGCTGGATAG
 AGAGATGAATTATCAACAGAATCTAGAGACAACCTTCTTTCTTTGGAAGACTGCAAAGACATTGAAAAT
 CTGGAGACTTTCACAGATGTCCTGGACAATGAGGATGCTTTGACTTCAAACCTGGGAACAGTGGGATACAT
 ACTGTGAAGACTTAACTAAGTATACCAAACCTAACCAGCTGTGACATCTGGGGGACAAAAGAAGTGGATTA
 CCTGGGTCTTGATGACTTTTCTAGCCCTTACCAAGATGAAGAGGTCATCAGTAAAACCTCAAACCTTGCC
 CAGCTCAATAGTGAAGACTCTCAGTCTGTTTCTGATTCCCTTTATTATCCTGATTCACTCTTCAGTGTCA
 AACAAAACCCCTTGCCCCCTCTCTTTTCTAGTAAAAAGATCACAAGTAGAGCAGCTGCCCTGTGTG
 CTCTTCAAAGATACTTCAGGCTGAGGTCCCATCGTCAGACTGTGTCCAAAAGCAAGCAAACCTACTTCA
 AGCACACAGATCATGGTGAAGACCAACATGTATCATAATGAAAAAGTGAATTTTCATGTGCAATGTAAAG
 ACTATGTAAAAAAGCAAAGTCAAGATCAACCCTGTGCAACAGGGCCGGCCCTTGTGAGCCAGGTGCA
 CATAGATGCGGCAAAGGAGAACACCTGCTACTGTGGCGCTGTGGTAAAGAGGCAGGAGAAGAGGGGGGTG
 GAGCCTCACAGGGTCATGGCACTCCTGCTTTGCCTTTTCCAGAGAAACCCAGGAACATTACTTAGTCCTC
 TGCCCCAGCATGGTCTGGGTGGTTGCCACAGCAGAGAGTGGCAGCCTTTCTGCCAGCACTTCTGTTTC
 AGATTCGTCAGAAAAAAGAAGAGCACAAATTCTCTTTTGTCTCTGACAACATGAGAGAACAGCCA
 ACCAAATACAGTCTGAAGATGATGAGGATGATGAAGATGATATTGATGATGAGGACCATGATGAAGGGT
 TTGGCAGTGAGCATGAGCTTTCTGAAAAAGAGAGGAGGAAGAGGAAGAGGATTATGAGGATGACAG
 AGATGATGATATCAGCGACACATTCTCTGAACAGGCTATGAAAACGACTCTGTAGAGGACTTGAAGGAG
 ATGACTTCCATATCTTCTCGGAAGAGAGGAAAAAGGTAAGTACTTCTGGGAGTATAGTGAAGCAGTTGACGC
 CATCACAGCAAGAGAGGATTCTGAGGCCATCTGAGTGGAAATCGAGACACCTTGCCAAAGTAATATGTACCA
 GAAAAATGGCTTACATCATGGGAAATACGCAGTTAAGAAGTACGAGGAACTGATGTGGAAGACCTGACT
 CCAAATCTAAAAAATACTCCAGATTGGTAATGAACTACGGAACCTGAATAAGGTGATCAGTGACCTGA
 CTCCAGTTAGTGAGCTTCCCTTAACAGCGAGGCCAAGGTCAAGGAAAGAAAAAATAAGCTGGCTCCAG
 AGCTTGTAGGCTGAAGAAGAAAGCCAGTATGAAGCCAATAAAGTGAAGCTCTGGGGCTCAACACTGAA
 TATGACAATTTATTTTGTAACTCACTCCATCAAGCAAGACATTGTAACCGAGTTCAGAAATCCAAGAG
 AGGAGAGAGGACCCAGCATGGGGCAGAAGCTTGAATCCTCATTAAAGACACACTCGGTCTCCAGTCGC
 TGGGCAAACCTCAGAATTTGTTAACCAAGTGTAGGGAAGACTGCTGAAGGCAACCCCACTGGAGGCCTT
 GTAGGACTAAGGATACCAGCATCAAAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001277157

Insert Size: 1923 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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:	<u>NM_001277157.1, NP_001264086.1</u>
RefSeq Size:	6459 bp
RefSeq ORF:	1923 bp
Locus ID:	303016
Cytogenetics:	10q12