

Product datasheet for **MC220020**

Crebrf (NM_029870) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crebrf (NM_029870) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Crebrf
Synonyms:	A930001N09Rik; LRF
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC220020 representing NM_029870
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCAGCCAGCGTAAGCGGAATGGACCCGCCTTTGGGGATGCCTTTCGAAGCCACACCTTTTCAG
 AACAGACTCTGATGAGCACAGATCTCTTAGCCAACAGTTCTGATCCAGATTTTCATGTATGAGCTGGATAG
 AGAGATGAATTATCAACAGAATCCTAGAGACAACCTTCTTTCTTTGGAAGACTGCAAAGACATTGAAAAT
 CTGGAGACTTTCACAGATGTCCTGGACAATGAGGATGCTTAACTTCAAACCTGGGAACAGTGGGATACAT
 ACTGTGAAGACTTAACTAAGTACACGAAGCTCACCAGCTGTGACATTTGGGGGACAAAAGAGGTGGATTA
 CCTGGGCTTGTGACTTTTCTAGCCCTTACCAAGATGAAGAGGTCATCAGTAAAACCTCAAACACTGGCC
 CAGCTCAATAGTGAGGACTCTCAGTCTGTTCCGATTCCCTTTATTATCCTGACTCACTCTTCAGTGTCA
 AACAAAATCCCTTGCCCCCTCCTTTTCTAGTAAAAAGATCACAAAATAGAGCAGCTGCCCTGTGTG
 TTCTTCAAAGACACTTCAGGCTGAGGTCCCATCATCAGACTGTGTCCAAAAGCAAGCAAACCTACTTCA
 AGCACACAGATCATGGTGAAGACCAACATGTATCATAATGAAAAGGTGAATTTTCATGTTGAATGTAAG
 ACTATGTAAAAAAGCAAAGTCAAGATCAACCCTGTGCAACAGGGCCGCCCCTTGTGAGCCAGGTCCA
 CATAGATGCAGCAAAGGAGAACACTGCTACTGTGGAGCTGTGGCAAAGAGACAGGAGAGAAGGGGGGTG
 GAGCCGCATCAGGGTCGGGGCACTCCTGCTTTGCCTTTCAAAGAAACCCAGGAGCTATTACTTAGTCCTC
 TGACGCAGGATAGTCTGGGTTGGTTGCCACAGCAGAGAGTGGCAGCCTTTTCCAGCAGCTTCTGTTTC
 AGATTCATCCCAGAAAAAAGAAGAGCACAAATTATCTCTTTTGTCTCTGACAACATGAGAGAACAGCCA
 ACCAAAACAGTCTGAAGATGATGAGGATGATGAAGATGAGTTTGTATGATGAGGACCATGATGAAGGGT
 TTGGCAGCGAGCATGAGCTTTCTGAAAATGAAGAGGAGGAAGAAGAGGAAGAGGATTATGAGGATGACAG
 AGATGATGATATCAGCGACACGTTCTCTGAACCAGGTTATGAAAATGACTCTGTAGAGGACTTGAAGGAG
 ATGACGTCATATCTTCTCGGAAGAGAGGAAAAAGGTAAGTACTTCTGGGAGTATAGTGAGCAGCTTACAC
 CATCACAGCAAGAGAGGATTCTGAGGCCTTCTGAGTGGAAATCGAGATACCTTGCCAAAGTAATATGTACCA
 GAAAAATGGCTTACATCATGGGAAATACGCAGTGAAGAAATCACGGAGAAGTGTGGAAGACCTTACT
 CCAAACCTAAAAAACTACTTCAAGATTGGTAATGAGCTGCGCAAGCTGAATAAGGTGATCAGTGACCTGA
 CTCCAGTTAGTGAGCTTCCCTAACAGCAAGGCCAAGGTCAAGGAAAGAAAAAATAAGTGGCATCCAG
 AGCTTGTAGGCTAAAGAAGAAAGCCAGTATGAAGCTAATAAAGTGAAGTTGTGGGGCTCAACACTGAA
 TATGACAATTTATGTTTGTAACTCACTCCATCAAGCAAGACATTGTAACCGAGTTCAGAAATCCAAGAG
 AAGAGAGAGAACCAGCATGGGGCAGAAGCTTGAATCCTCATTAAAGATACACTGGGTCTCCAGTCCG
 TGGGCAAACCTCAGAATTTGTTAACCAAGTGTAGGGAAGACTGTGAAGGCAACCCCACTGGAGGCCTT
 GTAGGACTAAGGATACCAGCATCAAAGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_029870
- 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).
- 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_029870.2](#), [NP_084146.1](#)

RefSeq Size: 7455 bp

RefSeq ORF: 1923 bp

Locus ID: 77128

UniProt ID: [Q8CDG5](#)

Cytogenetics: 17 A3.3

Gene Summary: Acts as a negative regulator of the endoplasmic reticulum stress response or unfolded protein response (UPR). Represses the transcriptional activity of CREB3 during the UPR. Recruits CREB3 into nuclear foci (By similarity).[UniProtKB/Swiss-Prot Function]