

Product datasheet for MC208085

Cracr2b (NM_001025103) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cracr2b (NM_001025103) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cracr2b
Synonyms: 6330520A15Rik; BC026645; Cracr2a; Efcab4; Efcab4a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208085 representing NM_001025103
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGCCCTGGGCTGCCTGGATCTGGGGAGGGCCAGGAGGGAGAGGAGACAACAGGGGTCTCGGCAA
 GGCATGGAGTAGAGGTGCTGCAGCAGGCCAGGAACTTCTCTACTATGCGACAAGGATGCCAAGGGCTT
 CATCACTCGTCAGGATCTGCAGGGTCTGCAGAGTGATCTCCACTTACGCCTGAACAGCTGGAGGCTGTA
 TTTGAAAGTCTGGACCAGGCCACACTGGCTTCCACAGCCCGGGAGTTCTGTCTAGGCCTGGGGAAGT
 TTGTGGGGTGGAGTCGGCCCCAGGTGGGTCCCCCTTGAGGACTTCTGAGGAAACCTTTGAGTCGGGCAC
 AGGGGGCTCTCTGGAGGAGGAGGAGGAGGATGTTGAGACATTCTACACTTCTTGAGAAGCTAGGAGTG
 GCCCGGTCTGGGCGAGCAATGGGCTGTGAGAACCTCTGGGTGGGCTGCAGCGGAGCGACCTGAGC
 TGTTGGGCTCTAGAGGAAGTTCTGATGCGCGCATCGGCTGCCTGGAGGCGGCGCCCGGAACGCGA
 AGGTCTTGAGCAAGCGCTGCGACGGCGGGAGAGTGAACACGAGAGGGAGGTGCGCGGACTGTATGAAGAA
 CTGGAGCAGCAGCTCGGGAGCAGCGACACCGCAGGCAGGCCAGAACCTACCCGGGAGGAACAGAGGG
 GCCACCTGGAGCTGGAGCTGCAGACCCGTGAGCAGGAGTTGGAGCGCGCAGGCCTGAGCAGCGGGAGCT
 GGAACAGCAGCTGCAGGCCGGGCTGCAGAACAGCTAGAGGCACAGGCCACACATCCAGCTGCAGAGG
 GCCTATGAGGCCATACGGGCACAGCTGGACCAGGCCAAGAGCAGCTCAGTCGACTGGAGGGCGAAGCAC
 AGGGTCGGCAGGAGCAAACCCAAAGAGATGTGGTTGCTGTCTCCAGGAATATGCAGAAAGAGAACTCAG
 CCTCCTAAGGCAGCTGGAGCTGCTGAGGGAGCTGAATCTGAGGCTTCGAGATGAGAGAGATGCCTGTGAG
 ACCAAGCTGTGGCAGTAGCCACAGGAAGGCTTAGCTATTGCCACAAGCCCGGACCCATCTACTGCT
 GCTGCTGTGGCTGGGCTCGGCCCCAGACGAGGCTCTGGCCATCTCCTAGTGCCCGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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| | |
|-------------------------------|---|
| ACCN: | NM_001025103 |
| Insert Size: | 1185 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: | <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_001025103.2</u> , <u>NP_001020274.2</u> |
| RefSeq Size: | 1687 bp |
| RefSeq ORF: | 1185 bp |
| Locus ID: | 213573 |
| UniProt ID: | <u>Q80ZJ8</u> |
| Cytogenetics: | 7 F5 |
| Gene Summary: | Plays a role in store-operated Ca(2+) entry (SOCE).[UniProtKB/Swiss-Prot Function] |