

Product datasheet for **MC205014**

Chrac1 (NM_053068) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chrac1 (NM_053068) Mouse Untagged Clone
Tag: Tag Free
Symbol: Chrac1
Synonyms: 2410152E03Rik; 2810406L04Rik; YCL1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC061043
 GGCCGCCCGGGACGGACGCGGAAGATGGCGGACGCGGCCGTGGGGAAGGAAAAGTGCGGGGACCAGCGGC
 TCGTGTTCATTGCCCTGTCCCGCATCCGAGTCATCATGAAGAGCTCTCCGAGGTGTCGAGCATCAACCA
 GGAGGCGCTGGTCTCACGGCCAAGGCCACGGAGCTCTTTGTTTCAGTACCTAGCCACCTGTTCTACAGA
 CACGGAAGTGGCAAAGCCAAGAAAAGCACTGACGTACAGCGACTTAGCCAGCACTGCAGAGGACTCGGAGA
 CACTTCAGTTTCTCGCAGATATATTACCAAAGAAGATTTTAGCTAGTAAGTACCTGAAAATGCTCAAAGA
 GAAGAGGGAAGAGGAGGAGGACAATGAGGACGATGGAAGCGACCTTGGTGAAGCCCTGGCTTAGGCCAGC
 AAGAAGAGCTCTCATCCTGTCTGTGAGCACATGCAAGGACAGACTAACAGCTGCGAAGTGAAGGGCACT
 GCAACTTTGTCTCAGACTTGCAACTTGTGCATTCCCTCTTGCAAGTGGAAAGGACTGGACAGCAGCAGCC
 TCCTCTACAGGCCCTTCAGCCATCTCCTCTCTCCACTGGGAGAGTCTGGGCAGATGGCACTGCTCTGG
 CTTTGGGTACAGTAGCACACACCCTGAACCTCACATTGAACTTGCAAGGAGACTGGGAGCTCCCTG
 GCAGCTGTGTAGTCGCGTGGACACACTGTTCTCACAGACTACATGCATACTGTGCTACCTTTGATGTTCC
 CTTTCTAAAAAAGGACTATGCAGTTTTATTGTACAGGAATTTGCTTTCTCTTTCCATTAAGGCTCTGT
 ATTGTACAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Sfil-Sfil

ACCN: NM_053068

Insert Size: 390 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).



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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: [BC061043](#), [AAH61043](#)

RefSeq Size: 880 bp

RefSeq ORF: 390 bp

Locus ID: 93696

UniProt ID: [Q9JKP8](#)

Cytogenetics: 15 D3

Gene Summary: Forms a complex with DNA polymerase epsilon subunit POLE3 and binds naked DNA, which is then incorporated into chromatin, aided by the nucleosome remodeling activity of ISWI/SNF2H and ACF1.[UniProtKB/Swiss-Prot Function]