

Product datasheet for MC225104

Cacna1f (NM_019582) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cacna1f (NM_019582) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cacna1f
Synonyms:	A930034B14; Cav1.4; nerg1; nob2; Sfc17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225104 representing NM_019582 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCGAATCTGAAGTCGGGAAAGATAACAACCCAGAGCCAGTCCAGCCAATGGGACTGGCCCTGGCC
CTGAATGGGGCTCTGTCTGGGCTCCAAGTGTGGGACTGATACCAGCGGGCGTCAGGCCTGGGGAC
CCCAAGAAGAAGGACCCAGCACAACAACAAGACTGTGGCGGTGGCCAGTGTCTAGAGATCACCTCGA
GGCTCTTCTGCCTCACCTTACTAATCCATTGTCGGTCTGCATCAGCATTGTAGAGTGAAGCCTT
TTGATATTCTCATCCTCCTGACAATCTTTGCCAAGTGCCTGGCATTGGGGGTATATATCCCTTCCCTGA
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CCAACCGGGTCTCCGTGCACGCTGCCGCCGGCCGTC AAGTCCAACGCCTGCTACTGGGCTGACTGTT
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CAAGAGTATGCCAACAAAGTTCTGCTCTGCCTCTTCACTGTGGAGATGCTCCTCAAAGTGTACGGCCTGG
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 CGAACCCAGTCCTTTTACCACCTCACTGGTCCCAGCAACACGTAACGGGCACCATGTGCCACGCCGACG
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 CCTGGGCAGCCCCCTCCTCAGAAGGGTCGACTGCTATATGCCCCCTGTTGTTGGTGGAGGAATCTACAGT
 GGGTGAAGGATACCTTGGCAAACCTTGGCGGCCACTGCGTACCTTACCTGTCTGCAAGTGCCTGGAGCT
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 GCCTAGGTCTCTTTGCCAAGACCCACGATTTGTGGCCCTGGCCAAGCAGGAGATTGCAGATGCATGTCA
 CCTGACCTGGATGAGATGGACAGTGTGCCAGTGACCTGCTGGCACAGAGAACCACCTCCCTTTACAGT
 GATGAGGAGTCTATTCTTTCCCGCTTTGATGAAGAGGACCTGGGAGATGAGATGGCCTGTGTCCATGCC
 TCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_019582
- Insert Size:** 5955 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_019582.2](#), [NP_062528.2](#)
- RefSeq Size:** 6075 bp
- RefSeq ORF:** 5955 bp
- Locus ID:** 54652
- Cytogenetics:** X 3.42 cM