

Product datasheet for MR203613

Cabp4 (NM_144532) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cabp4 (NM_144532) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cabp4
Synonyms:	2410038D05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203613 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAACAGAGCACAATGTACAGCTGGTTCCTGGCTCCCAGAAGATCCCTAAAGGAGTTGTATCTCCCA
GGAGTGTCTGAGGGCCCTGCCTTGACCAGGAGAAGGAGCAAGAAGGAGAGTTGGCACCCAGGGTCCCA
GAAAGCCAGTTCTGGGGACCACTCTAGCCAGGGCTCTGAGGCCTCAGGAAGCAGCAAGCACCCCA
AGGACCAAAGTGGGGCAGGAGGAACCATCCTCAGCCCCGCCAGGCCAGCGTCTCACCGACTCCCATC
GACACCGTTCTGACCCCCAGCAGGATGTGCCAAAGGACTTATGGGCCCTTGCTCAACCGCATGTTTGG
AAAGGATCGTGAAGTGGGCCCTGAGGAGTTGGAGGAGCTCCAGGCTGCCTTTGAGGAGTTTGACTGAC
CAGGACGGCTACATCGGCTACCGCGAGCTAGGTGACTGCATGCGGACGCTGGGCTACATGCCACGGAGA
TGGAGCTTCTAGAAGTGTGCGCAGCACGTGAAGATGCGCATGGGAGGCTTTGTGGATTTTGAAGAGTTTGT
GGAGCTGATAAGCCAAAGCTGAGGGAGGAGACAGCTCACATGCTGGGCGTTCGGGAGCTACGCATCGCC
TTCCGAGAGTTTGACAAGGACAGGGATGGACGGATCACGGTGGCGGAGCTGCGGCAGGCAGCACCAGCTC
TGCTGGGGGAACCACTAGAGGGCACTGAAGTGGATGAGATGTTGCGGAGAAATGGACCTCAATGGGGATGG
CACCATAGACTTTGACGAGTTTGTAAATGATGCTATCTACAGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_144532.2](#), [NP_653115.1](#)

RefSeq Size: 1472 bp

RefSeq ORF: 816 bp

Locus ID: 73660

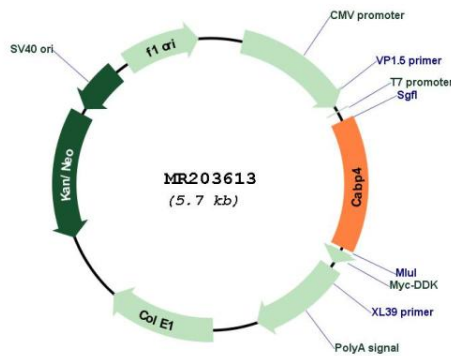
UniProt ID: [Q8VHC5](#)

Cytogenetics: 19 A

MW: 30.3 kDa

Gene Summary: Involved in normal synaptic function through regulation of Ca(2+) influx and neurotransmitter release in photoreceptor synaptic terminals and in auditory transmission. Modulator of CACNA1D and CACNA1F, suppressing the calcium-dependent inactivation and shifting the activation range to more hyperpolarized voltages.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203613