

Product datasheet for MC204465

Cabp4 (NM_144532) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cabp4 (NM_144532) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cabp4
Synonyms: 2410038D05Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC049263

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GAGAAGCAAGGGCACTCCAGGGAGCTACATCACTGAGTCTGTTATCTTCTCCATGGCAACAGAGCACAA
TGTACAGCTGGTTCCTGGCTCCCAGAAGATCCCTAAAGGAGTTGTATCTCCAGGAGTGCTGCTGAGGGC
CCTGCCTTGACCAGGAGAAGGAGCAAGAAGGAGAGTTGGCACCCAGGGTCCCAGAAAGCCAGTTCTGGGG
ACCACTCCTCTAGCCAGGGCTCTGAGGCCTCAGGAAGCAGCAAGCACCCCAAGGACCAAAGTGGGGCA
GGAGGAACCATCCTCAGCCCCGCCAGGCCAGCGTCTCACCGACACTCCCATCGACACCGTTCTGACCCC
CAGCAGGATGCTGCCAAAGGACTTATGGGCCCTTGCTCAACCGCATGTTTGAAAGGATCGTGAAGTGG
GCCCTGAGGAGTTGGAGGAGCTCCAGGCTGCCTTTGAGGAGTTTGACACTGACCAGGACGGCTACATCGG
CTACCGGAGCTAGGTGACTGCATGCGGACGCTGGGCTACATGCCACGGAGATGGAGCTTCTAGAAGTG
TCGCAGCAGTGAAGATGCGCATGGGAGGCTTTGTGGATTTTGAAGAGTTTGTGGAGCTGATAAGCCCAA
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TGTGGTGAATGAGAGAACCAACTTCAAAAGTTGCTCTTTGGTAGGCTAATGCCCTGTTTACACCCCTT
TGAATAAATAAATAAATGAAAAGTGAACCTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA
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Restriction Sites: RsrII-NotI
ACCN: NM_144532
Insert Size: 816 bp



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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:	BC049263 , AAH49263
RefSeq Size:	1472 bp
RefSeq ORF:	816 bp
Locus ID:	73660
UniProt ID:	Q8VHC5
Cytogenetics:	19 A
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]