

## Product datasheet for MR201486

### Cabp5 (NM\_013877) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cabp5 (NM\_013877) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cabp5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201486 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAGTTTCCAATGGGTCCTGCCTGCATCTTCTTGAGAAAAGGCATTGCTGAAAAGCAGCGGGAGAGAC  
 CACTGGGACAGGATGAGCTTGATGAGCTCCGGGAAGCATTTCTGAATTTGACAAGGACCAAGATGGGTT  
 CATCTCTTACAAGGATTTGGGCAATCTCATGAGAACGATGGGTTACATGCCTACAGAGATGGAGTTGACT  
 GAGTTGGGCCAGCAAATCCGAATGAACCTTGGTGGCCGTGTAGACTTTGAAGACTTTGTGGAAGTATGA  
 CCCCCAAATTCGTTGCAGAGACAGCAGGGATGATTGGTGTCCAGGAGATGCGAGATGCCTCAAGGAGTT  
 TGATGCCAATGGAGATGGGGAGATCACACTGGCAGAACTGCAGCAGGCCATGCAGAGGCTGCTGGGGGAG  
 AAGCTCACACCCCGGAGATTGCTGAGGTGGTACAGGAGGCTGATATCAATGGAGATGGCACTGTTGACT  
 TTGAAGAGTTTGTGAAGATGATGTCCTCGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201486 protein sequence  
 Red=Cloning site Green=Tags(s)

MQFPMGPACIFLRKGI AEKQRRERPLGQDELDELREAFLEFDKQDGFISYKDLGNLMRTMGYMPTEMELT  
 ELGQQIRMNLLGGRVDFEDFVELMTPKLLAETAGMIGVQEMRDAFKEFDANGDGEITLAE LQQAMQRLLGE  
 KLTPREIAEVVQEADINGDGTVDFFVVKMMSR

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



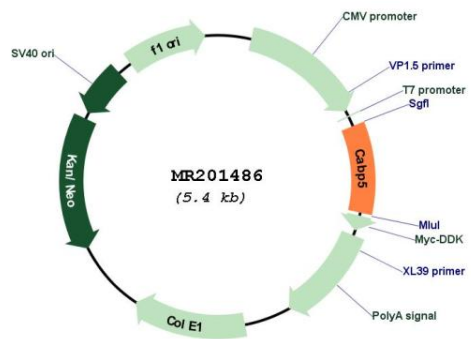


**Cytogenetics:** 7 A1

**MW:** 19.7 kDa

**Gene Summary:** Inhibits calcium-dependent inactivation of L-type calcium channel and shifts voltage dependence of activation to more depolarized membrane potentials (PubMed:18586882). Involved in the transmission of light signals (PubMed:18586882). May positively regulate neurotransmitter vesicle endocytosis and exocytosis in a salt-dependent manner (PubMed:22039235). May play a role in the extension and network organization of neurites (PubMed:22039235).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201486