

## Product datasheet for **RN200198**

### **Cabp1 (NM\_001033676) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cabp1 (NM\_001033676) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cabp1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN200198 representing NM\_001033676  
Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCGC**  
**GCCC**

ATGGGCGGGCGGACGGGGCCGATTTAAGCGGCCAGGGGACGGCGCCCGCTGCAGCGCGTCTCGGGC  
TCGGTCCCGCCGGCGCCCGCTCCCTGCCCTCCGGGGGCCCGCCACCCCGCCGGGCATGCGAG  
CGCGGGCCCGCCGCGATGAGCTCGACATCGCCAAGAGCGAGTCCAAGACGTGCTCAAGGCGCG  
GGCGCGAGCGGGGACGCCGGGCTCCCCGCCACAGCTCTGCGCGGGACCCCGGGCTGCGTGGCCGCAAGC  
TGCCCGGTCCCTGCCCGACTCGCTGCAACGTGCGGGGACCCAGCTCGCGGAGGCCCTGTGCCGGCC  
GGTGCCCGGGACGAGGGCGCGCGGGAGCCGGCGTGGGCTGCCCGAGGCGACTGCAGGCCCGGGAG  
ACGCTACCGCCGGCCCGGGCGCGATGGGGAGGAACGGGGGCTGGCGCCGGCTCTCAGTCTACGGGGCT  
CCCTGCGATCGCGGGGTGCGGGGACCCGGCTCCCGTGGCACCCCGAGGCGGACCCGTTCTCCACCA  
GCTGCGCCCATGCTCAGCTCCGCTTCGGTCAAGATAGATCGTTACGACCAGAGGAGATCGAAGAGCTC  
CGAGAGGCCTCCGGGAATTTGACAAGGACAAAGATGGCTACATCAACTGCCGGGACCTGGGGAAGTGA  
TGCGCACCATGGGCTACATGCCACTGAGATGGAACATCGAGCTGTCCAGCAGATCAACATGAACCT  
GGGTGGCCACGTGGATTTGATGACTTTGTGGAAGTATGGGCCCTAAACTCCTGGCGGAGACAGCAGAT  
ATGATCGGTGTAAGGAACTGAGAGACGCTTTTCGGGAGTTTGACACCAACGGTGACGGGGAGATAGCA  
CGAGCGAGCTGCGAGAGGCCATGAGGAAGCTCCTGGGTATCAGGTGGGACACCGGGACATAGAGGAAAT  
TATCCGAGACGTGGACCTCAATGGAGATGGACGAGTGGACTTCGAAGAGTTTGTCCGGATGATGTCTCGC  
**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** AscI-MluI  
**ACCN:** NM\_001033676  
**Insert Size:** 1053 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001033676.1</a> , <a href="#">NP_001028848.1</a>
<b>RefSeq Size:</b>	1557 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	171051
<b>UniProt ID:</b>	<a href="#">O88751</a>
<b>Cytogenetics:</b>	12q16
<b>Gene Summary:</b>	component of calcium-mediated signal transduction; may be involved with the dendritic cytoskeleton [RGD, Feb 2006] Transcript Variant: This variant (3) is the longest transcript and encodes the longest isoform (3).