

Product datasheet for **MC212445**

Cabp7 (NM_138948) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cabp7 (NM_138948) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cabp7
Synonyms: MGC129428; MGC129429
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212445 representing NM_138948
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCCGTTCCACCGGTGACGGCGCGTGTGATGTACCGGGCATCTACACCGTGCCAACCTGCTGTGG
AGCAGCGCCCGGTGGATATCCCTGAGGACGAGCTAGAGGAGATCCGAGAGGCCTCAAGGTATTCGACCG
GGATGGCAACGGCTTCATCTCTAAGCAGGAGCTGGGAACAGCCATGCGCTCCCTGGTTACATGCCAAC
GAGGTGGAGCTGGAGTTATCATCCAGCGCTAGACATGGATGGTGACGGCAAGTGGACTTTGAGGAGT
TTGTAACCCTCCTGGGACCAAGCTCTCCACCTCGGGGATCCCAGAGAAGTTCATGGCACTGACTTTGA
CACGGTCTTCTGGAAGTGTGACATGCAGAAGCTGACAGTGGATGAGCTGAAGCGGCTTCTCTATGACACC
TTCTGCGAGCACTGTCCATGAAGGACATAGAGAACATCATCATGACAGAGGAGGAGCCACCTGGGCA
CTGCTGAGGAGTGTCCCGTGGACGTGGAGACCTGTTCCAACCAGCAGATCCGCCAGACGTGTGTGCGCAA
GAGCCTGATCTGCGCCTTCGCCATCGCCTTCATCATCAGTGTGATGCTCATCGCGCCAACCAGGTGCTG
CGCAGCGCATGAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_138948
Insert Size: 648 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:	NM_138948.3 , NP_620398.1
RefSeq Size:	699 bp
RefSeq ORF:	648 bp
Locus ID:	192650
UniProt ID:	Q91ZM8
Cytogenetics:	11 A1
Gene Summary:	Negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity.[UniProtKB/Swiss-Prot Function]