

Product datasheet for MC218562

Chpt1 (BC031435) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Chpt1 (BC031435) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Chpt1
 Synonyms: MGC28885
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC031435
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGGGCCGGGGCCAGGCCGGCGCCGCTGGGTAAGGCGCTAGGTGAGCCGCTCAGTGCCG
 CGCAGCTGCGGGCGCTGGAGGAGCACCGCTACACCGGTTGGGAGAGTCGCTGTTTCGAGCCGCCGCTGCA
 GCTTTACTGGACCTGGCTGCTCCAATGGATCCCGCTCTGGATGGCCCCAACACCATCACCTCATCGGC
 CTCGCCATCAACCTGGTCACCACACTAGTGCTCATCTTCTACTGCCCTACAGTCACGGAGGAGGCACCAT
 ACTGGACATACCTTTTATGTGCCCTGGGACTCTTTATCTACCAGTCACTGGATGCCATTGATGGGAAACA
 AGCCAGAAGGACAACTCTTGCTCTCCCTTAGGGGAACTATTTGATCATGGTTGTGACTCTTTCCACA
 GTATTTATGGCCATCGGCGCTTCCATTGCTGTTTCGCCTAGGAACACATCCTGACTGGTTGTTTTCTGCT
 CTTTCGTTGGGATGTTTCATGTTTACTGTGCTCATTGGCAGACTTACGCTCAGGAGTGTTAAGATTTGG
 AAGTCAAGAAGTTTTCTCCGGGCTGGTGAGATGGCTCAGTGGGTAAGAGCACCCGACTGCTCTTCTGAA
 GGTCCAGAGTTCAAATCCCAGCAACCACATGGTGGATCACAACCATCTGTAACAAGATCTGACGCCCTCT
 TCTGGAGTGTCTGA

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: BC031435
 Insert Size: 714 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:	BC031435 , AAH31435
RefSeq Size:	843 bp
RefSeq ORF:	713 bp
Locus ID:	212862
Cytogenetics:	10 C1
Gene Summary:	Catalyzes phosphatidylcholine biosynthesis from CDP-choline. It thereby plays a central role in the formation and maintenance of vesicular membranes (By similarity).[UniProtKB/Swiss-Prot Function]