

Product datasheet for MC212575

Chpt1 (NM_001146690) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chpt1 (NM_001146690) 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: >MC212575 representing NM_001146690
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGGGCGGGCCGGGGCCAGGCCGGCGCCGCTGGGTAAGGCGCTAGGTGAGCCGCTCAGTGCCG
CGCAGCTGCGGGCGCTGGAGGAGCACCGCTACACCGCGTGGGAGAGTCGCTGTTGAGCCGCCGCTGCA
GCTTTACTGGACCTGGCTGCTCCAATGGATCCCGCTCTGGATGGCCCCAACACCATCACCTCATCGGC
CTGCCATCAACCTGGTCAACACTAGTGCTCATCTTCTACTGCCCTACAGTCACGGAGGAGGCACCAT
ACTGGACATACCTTTTATGTGCCCTGGGACTCTTTATCTACCACTCACTGGATGCCATTGATGGGAAACA
AGCCAGAAGGACAACTCTTGCTCTCCCTAGGGGAACTATTTGATCATGGTTGTGACTCTCTTTCCACA
GTATTTATGGCCATCGGCGCTTCCATTGCTGTTGCGCTAGGAACACATCCTGACTGGTTGTTTTCTGCT
CTTTCGTTGGGATGTTTCATGTTTACTGTGCTCATTGGCAGACTTACGCTCAGGAGTGTAAAGATTTGG
AAGGGTGGATGCTACTGAGATCCAGGTAGCTTTAGTGATCGTCTTCATGTTGTCAACATTTGGAGGAGCA
ACAATGTGGGACTATACGATACCTATTCTAGAAAATAAACTGAAGATTGTTCCGGTCTTGGAGTTGTAG
GTGGATTAATATTTTCTGTTCAAATATTTCCATGTGATCCATGGTGGTGTGGCAAGAATGGGTC
TACTATTGCAGGCACCATGCTTGTCACTGGACTCCACATAGGATTAATTATTATATTGGCAATAATG
ATCTATAAGAAGTCTGCAACAAATATGTTTGAAAAACATCCTTGCTTTATACTTTAATGTTTGGATGTG
TCTTTGCTAAAGTTGCACAAAAATTTGGTATAGCTCACATGACGAAAAGTGAACATATCTTCAAGACAC
TGTCTTTATTGGCCAGGTCTTTTATTTTAGACCAATACTTTAATAATTTTATAGATGAATATGTTGTT
CTGTGGATAGCAATGGTCATTTCTTCAATTTGATATGATGATATACTTTACTTCTTTGTCCTGCAAATTT
CAAGACACCTTCACTAAACATCTTCAAGACTTCATGTCAACAAGCACCGGAACAGGTTCAAGTTCTTTC
TTCAAAGACTCATCAGAATAACATGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001146690
Insert Size:	1221 bp
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:	<u>NM_001146690.1</u> , <u>NP_001140162.1</u>
RefSeq Size:	1466 bp
RefSeq ORF:	1221 bp
Locus ID:	212862
Cytogenetics:	10 C1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer protein (isoform 1).</p>