

Product datasheet for **RN206162**

Chpt1 (NM_001007750) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chpt1 (NM_001007750) Rat Untagged Clone
Tag: Tag Free
Symbol: Chpt1
Synonyms: MGC95241
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206162 representing NM_001007750
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCGGGCCGGGGCCAGGCCGGCGCCGCTGGGTGAAGGCGCTAGGTGAGCCGCTCAGCGCCG
CGCAGCTGCGGGCGCTGGAGGACCACCGCTACAGCGCGGGGAGAGTCGCTGTTGAGCCGCCGCTGCA
GCTTTTCTGGACCTGGCTGCTCCAATGGATCCCGCTCTGGATAGCCCCAACACCATCACCTCTTCGGC
CTCGCCATCAACCTGTTCAACCACTAGTGCTCATCTTCTACTGCCCTACGGTCACGGAGGAGGCACCAT
ACTGGACATACCTTTTATGTGCCCTGGGACTCTTTATCTACCACTCACTGGATGCCATTGACGGAAAACA
AGCCAGAAGGACAAATCCTGCTCTCCTTTAGGGGAAGTGTGGATCATGGTTGTGACTCTCTTTCCACA
GTATTTATGGCTATCGGTGCTTCAATTGCTGTTTCGTCTAGGAACACATCCTGACTGGTTGTTTTCTGCT
CTTTCGTTGGGATGTTTCATGTTTTATTGTGCTCATTGGCAGACTTACGCTCAGGAGTGTGCGATTTGG
AAGGGTGGATGTAAGTGAAGTCCAGGTAGCTTTAGTGATTGTCTTTCTGTTATCTACATTCGGAGGAGCA
ATGATGTGGGACTATACGATACCTATTCTAGAAAATAAACTGAAGATCCTCCGGTCTTGGAGTTGTAG
GTGGATTAATATTTTCTGTTCAAATTTCCATGTGATCCTCCATGGTGGTGTGGCAAGAATGGATC
TACTATTGCGGGCACCAGTGTCTTGTCACTGGACTCCACATAGGATTAATTATTATTGGCAATAATG
ATCTATAAAAAATCTGCAACAAATGTGTTTGAAAAACACCCTTGCTTTATACATTAATGTTTGGATGTG
TCTTTGCTAAAGTTGCACAAAAATGGTGATAGCTCACATGACAAAAAGTGAAGTATATCTTCAAGACAC
TGTTTTTATTGGCCAGGTCTTTTATTTTAGACCAATACTTTAATAATTTTATAGATGAATATGTTGTT
CTATGGATAGCAATGGTCATTACTTCAATTTGATATGATGATATACTTTAGTTCTTTGTGCTGCAAAAT
CAAGACACCTTCACTAAGTATCTTCAAGACTTCATATCAACAAGCACCTGAACAGGTTCAAGCATAT
TGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001007750
Insert Size:	1197 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_001007750.1</u> , <u>NP_001007751.1</u>
RefSeq Size:	1555 bp
RefSeq ORF:	1197 bp
Locus ID:	362866
UniProt ID:	<u>Q66H21</u>
Cytogenetics:	7q13
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]