

Product datasheet for **SC321817**

CHPT1 (NM_020244) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CHPT1 (NM_020244) Human Untagged Clone
Tag:	Tag Free
Symbol:	CHPT1
Synonyms:	CPT; CPT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_020244.2
 CCCGCGAGCCGCGAGCCGCGGCCCCACAGCTTCTGGGGCTGGGGCCCCGGCAGCCGGGCAG
 GCCGGCCTGACCTCGACCTCCGCGGTGCGGGCCCGACCGGTGAGTCCAGCCCGGCAGTCG
 CAGGACCCGGCCGCGCAGCCTCTCCCTCCACCTCTCCCTGCCCCAGCGCCAGGCGCGGGC
 TGCGCTCGGTGGCGGGCGGGGCCCTCAGGCGGCCATGGCGGCAGGCGCCGGGGCCGGG
 TCCGCGCCGCGCTGGCTGAGGGCGCTGAGCGAGCCGCTGAGCGCGGCGCAGCTGCGGCGA
 CTGGAGGAGCACCGCTACAGCGCGGGCGCTCTCGCTGCTCGAGCCCGCGCTGCAGCTC
 TACTGGACCTGGCTGCTCCAGTGGATCCCCTCTGGATGGCCCCAACTCCATCACCTG
 CTGGGGCTCGCCGTCACAGTGGTACCACGCTCGTGTCTCTCTACTGTCCCACGGCC
 ACCGAAGAGGCACCATACTGGACATACCTTTTATGTGCACTGGGACTTTTTATTTACCAG
 TCACTGGATGCTATTGATGGAAACAAGCCAGAAGAACAACCTTTGTTCCCTTTAGGG
 GAGCTCTTTGACCATGGCTGTGACTCTTTCCACAGTATTTATGGCAGTGGGAGCTTCA
 ATTGCCGCTCGCTTAGGAACTTATCCTGACTGGTTTTTTTTCTGCTCTTTTATTGGGATG
 TTTGTGTTTTATTGCGCTCATTGGCAGACTTATGTTTCAGGCATGTTGAGATTTGAAAA
 GTGGATGTAAGTAAATTCAGATAGCTTTAGTGATTGTCTTTGTGTTGTCTGCATTTGGA
 GGAGCAACAATGTGGGACTATACGATTCTATTCTAGAAAATAAAATTGAAGATCCTTCCA
 GTTCTTGATTTCTAGGTGGAGTAATATTTTCTGTTCAAATTTTCCATGTTATCCTC
 CATGGTGGTGTGGCAAGAATGGATCCACTATAGCAGGCACCACTGTCTTGTACCTGGA
 CTCCACATAGGACTAATTATTATACTGGCAATAATGATCTATAAAAAGTCAGCAACTGAT
 GTGTTTGGAAAAGCATCCTTGTCTTTATATCCTAATGTTTGGATGTGTCTTTGCTAAAGTC
 TCACAAAAATTAGTGGTAGCTCATAGACAAAAGTGAAGTAACTTATCTTCAAGACTGTC
 TTTTTGGGGCCAGGTCTTTTGTTTTGTAGACCAGTACTTTAATAACTTTATAGACGAATAT
 GTTGTCTATGGATGGCAATGGTATTCTTTCATTTGATATGGTATATACTTTAGTGCT
 TTGTGCCTGCAAATTTCAAGACACCTTCACTAAATATATTCAAGACTGCATGTATCAA
 GCACCTGAACAGGTTCAAGTTCTTTCTTCAAAGAGTCATCAGAATAACATGGATTGAAGA
 GACTTCCGAACACTTGCTATCTCTTGTGCTGCTGTTTCATGGAAGGAGATATTAACAT
 TTGTTTAAATTTTATTTAAGTGTATACCTATTTTCAGCAAATAAAATTTTCATTGCTTA
 TATTAATAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_020244
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_020244.2 , NP_064629.2
RefSeq Size:	1567 bp
RefSeq ORF:	1221 bp
Locus ID:	56994
UniProt ID:	Q8WUD6
Cytogenetics:	12q23.2
Domains:	CDP-OH_P_transf
Protein Families:	Transmembrane
Protein Pathways:	Ether lipid metabolism, Glycerophospholipid metabolism, Metabolic pathways
Gene Summary:	Catalyzes phosphatidylcholine biosynthesis from CDP-choline. It thereby plays a central role in the formation and maintenance of vesicular membranes.[UniProtKB/Swiss-Prot Function]