

## Product datasheet for **RN207172**

### CEPT1 (NM\_001007699) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CEPT1 (NM_001007699) Rat Untagged Clone
Tag:	Tag Free
Symbol:	CEPT1
Synonyms:	MGC95031
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207172 representing NM_001007699 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGTGGGCATCGGTCAACAAGGAAACGATGTGGAGATTCTCACCCAGAGTCCCCTGTGGGCTTCGGGC  
ATATGAGTACTACAGGGTATATTTAAATAAATGTTTCAGTTACCGACACCACCCTGTCAAGACACCA  
ATTTAAACGGCTAGAAGAACACAGGTATCAGAGTGTGGACGGTCCCTTCTCGAGCCCTTAAATGCAAGGA  
TACTGGGAATGGCTAGTTGGAAGAGTACCTCATGGATTGCCCAAATCTCATCACCATCATTGGACTAT  
CAATAAATATCTGTACAACATTTTTGTTAGTCTTCTACTGCCCTACAGCTACAGAGCAGGCACCTCTGTG  
GGCTTACATCGCCTGTGCTTGGCGCCTTTTCATTTACCAGTCACTGGATGCTATAGACGGGAAACAGGCC  
AGAAGAATAACAGTAGCTCTCCTTTGGGAGAAGCTTTTGGTATCATGGCTGTGACTCACTATCAACAGTTT  
TTGTGGTCTTGGAAACGTGTATTGCAGTGCAACTGGGACAAATCCTGACTGGATGTTTTTTTGTGTTT  
TGCTGGGACATTCATGTTCTACTGTGCACACTGGCAAACATACGTTTCTGGAACATTGCGATTTGGAATA  
ATTGATGTGACTGAAGTGCAAACTTTCATAAATAATCATGCATTTGCTGGCAGTGATTGGAGGACCCTT  
TTTGGCAATCTATGATCCAGTGTGAATATCCAATGAAACTTTTCTGCATTTGTACTGTGGCAGG  
GACCATATTTTCTGTACAAATTAATCTCCGTGTAATCTTACAGGTGGTGTGGCAAAAATGGATCAACC  
ATAGCAGGAACAAGTGCTCTTTCTCCTTTTCTGCACATTGGATCAGTGATCACATTAGCTGTTATGATCT  
ATAAGAAGTCAGCAGTTCAGCTTTTGGAAAGCATCCATGCTTTATATACTGACATTTGGTTTTGTGTC  
AGCTAAAATCACTAATAAGCTTGTGGTTGCACACATGACGAAAAGTGAGATGCATTTGCATGACACAGCA  
TTCATAGGTCCAGCACTTTTGTCTGGACCAGTATTTAACAGCTTCATTGATGAATATATAGTACTTT  
GGATTGCCCTGGTCTTCTTTCTTTGACTTGATTGCTTACTGTGTCAGTGTGCAACCAGATCGCATC  
TCACCTGCATATACATGTCTTCAGAATTTAAACCTCTACAGCTCACTCTAATCATCACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001007699
<b>Insert Size:</b>	1251 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001007699.1</a></u> , <u><a href="#">NP_001007700.1</a></u>
<b>RefSeq Size:</b>	2186 bp
<b>RefSeq ORF:</b>	1251 bp
<b>Locus ID:</b>	310773
<b>UniProt ID:</b>	<u><a href="#">Q6AXM5</a></u>
<b>Cytogenetics:</b>	2q34
<b>Gene Summary:</b>	Catalyzes both phosphatidylcholine and phosphatidylethanolamine biosynthesis from CDP-choline and CDP-ethanolamine, respectively. Involved in protein-dependent process of phospholipid transport to distribute phosphatidyl choline to the luminal surface. Has a higher cholinephosphotransferase activity than ethanolaminephosphotransferase activity (By similarity).[UniProtKB/Swiss-Prot Function]