

Product datasheet for **SC127604**

CEPT1 (NM_006090) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEPT1 (NM_006090) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEPT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127604 sequence for NM_006090 edited (data generated by NextGen Sequencing)

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ATGAGTGGGCATCGATCAACAAGGAAAAGATGTGGAGATTCTCACCCGGAGTCCCAGTG
GGCTTCGGGCATATGAGTACTACAGGATGTGTATTAATAAATTGTTTCAGTTACCAACA
CCACCATTGTCAAGACACCAACTAAAGCGGCTAGAAGAACACAGATATCAAAGTGCCTGGA
CGGTCCCTGCTTGAGCCCTTAATGCAAGGGTATTGGGAATGGCTCGTTAGAAGAGTTCCC
TCCTGGATTGCCCAATCTCATCACCATCATTGGACTGTCAATAAACATCTGTACAACCT
ATTTTATTAGTCTTCTACTGCCCTACAGCTACAGAGCAGGCACCTCTGTGGGCATATATT
GCTTGTGCCTGTGGCCTTTTCATTTACCAGTCTTTGGATGCTATTGATGGGAAACAGGCA
AGAAGAACCAATAGTAGTCTCCTCTGGGAGAACTTTTTGATCATGGCTGTGATTCACTA
TCAACAGTTTTTTGTGGTCTTTGGAACCTTGATTGCAGTGCAGCTGGGGACAAACCCTGAT
TGGATGTTTTTTTTGTTGTTTTGCGGGGACATTTATGTTCTATTGTGCGCACTGGCAAACG
TATGTTTTCTGGAACATTGCGATTTGGAATAATTGATGTGACTGAAGTGCAAATCTTCATA
ATAATCATGCATTTGCTGGCAGTGATTGGAGGACCACCTTTTTGGCAATCTATGATTCCA
GTGCTGAATATTCAAATGAAAATTTTTCTGCACTTTGTACTGTAGCAGGGACCATATTT
TCCTGTACAAATTAATCCGTGTAATCTTCACAGGTGGTGTGGCAAAAATGGATCAACA
ATAGCAGGAACAAGTGCCTTTCTCCTTTCTCCATATTGGATCAGTGATTACATTAGCT
GCAATGATCTACAAGAAATCTGCAGTTCAGCTTTTTGAAAAGCATCCCTGTCTTTATATA
CTGACATTTGGTTTTGTGTCTGCTAAAACTACTAATAAGCTTGTGTTGCACACATGACG
AAAAGTGAATGCATTTGCATGACACAGATTATAGGTCCGGCACTTTTGTCTTCTGGAC
CAGTATTTTAACAGCTTTATTGATGAATATATTGACTTTGGATTGCCCTGGTTTTCTCT
TTCTTTGATTTGATCCGCTACTGTGTCAGTGTGCAATCAGATTGCATCTCACCTGCAC
ATACATGTCTTCAGAATCAAGGTCTCTACAGCTCATTCTAATCATCATTA

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Clone variation with respect to NM_006090.3
1188 g=>a



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006090 unedited
 TAAGCACCAGCCACAAAAACCTACAAAAGAAGGAAATTAAGTGTCTTTAAATATTA
 AAAACAAGATCCATGAGTGGGCATCGATCAACAAGGAAAAGATGTGGAGATTCTCACCCG
 GAGTCCCCAGTGGGCTTCGGGCATATGAGTACTACAGGATGTGTATTAATAAATGTTT
 CAGTTACCAACACCACCATTTGTCAAGACACCAACTAAAGCGGCTAGAAGAACACAGATAT
 CAAAGTGTGGACGGTCCCTGCTTGAGCCCTTAATGCAAGGTATTGGGAATGGCTCGTT
 AGAAGAGTCCCTCCCTGGATTGCCCAAATCTCATCACCATCATTGGACTGGCAATAAAC
 ATCTGTACAACATTTTTATTAGTCTTCTACTGCCCTACAGCTACAGAGCAGGCACCTCTG
 TGGGCATATATTGCTTGTGCCTGTGGCCTTTTCATTTACCAGTCTTTGGATGCTATTGAT
 GGGAAAACAGCAAGAAAACCCAATAGTAGTCTTCTCTGGGAGAACTTTTGATCATGCTTG
 GATTCATATCACAGTTTTGTGGTCTTGGAACCTGATTGCAGGCAGCTGGGACAAACCTG
 ATTGATGGTTTTTTGTGTTTGGGGGAATTAATGTTTTATTGTGCACTGCCAAACATGT
 TCTGGAATTTGCGAATTTGAATATTGTTGGAATGGAAGGAAATTTTTATATAAATCCTT
 TGCNNGATGTATTGAGAACCCCTTTTGAATTNATTNCCCGGGCCGAATTTAAAAAAN
 ATTCTGCCTTTTCACTGAAAGGAATATTTTCTTCAAATAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006090 unedited
 GCCTTTTCTTTTTTTAGNACAGNAATAAATTTGCTTAAATTTAAAAATAACATTA
 CTTAGTTTATCTTTCCACTGAGTAAAAGTGGGAAAGTTGGCTTTTAGATCATATATTTA
 TTTAAAAAATAAATGGGAAATGACAAAGTTACCACATTATCTGCATGCTAACAGGG
 ATTTCCCAAGCCTGTGAGAGAATCATTTCTTGAGCACTTAATAAAAAAGACAGAGGGCC
 GCGGACTTCTCAACAATGTAACACAGGAACTTTTCACTCCACCTCCTCGTCTTTCTC
 CACTNCCCCNNNNAAGAGAGTGGGATGTTTTTTTCACTCACTTTNCCTCTCACTCT
 AACCCCTGTCCACTCCCTCTTATCCGACTTTCCGCTCTTTNAGTTATCGCTGCCCAT
 CCGCCCCCATTCCCTCTTTTACCCCACTCTTATCACCTCTCCGCCCCGCCACANN
 TCGCCTCCCCCTCCTTCCATTCTTCCGCGATATTCATCNCCTGCCNCCCTTCTACCG
 ACTAACTTCTCNCCCACACCATCACCTATCCCTCCATACACTCGTCTTGCCTTCCCTGC
 GCAGCCCCCTCTCCATCCAATATTTATCCACCCAGGTTTCTTCCCTCAGGNCCCCG
 CACGCTCAACCCCTATGCTACTACATCCTTTGGTCTGCTCACTTTGCTTCTTCTCCAC
 CCCGCCCTCTTCTGCCCTCTCCCCTCCGCTGTACCCCGACGCGCCCCCCCCCT
 CATTCTTTCTTCCCTTCCCCTCCTCGCTACTCTGCCTCACTATATCTTGCCTCGT
 TCTACTTGTCCACCCCCCCCCATCTTACTTACTGATCTTCTCTTTTCCGCCCATGTC
 ATTTTACGTCTTTCGCCGNCACCCCTTCCACCTTCTATCGCGTCCCTCTCACTCTCC
 CTCGATCTTGGCCCTGCTATTTCC

Restriction Sites:

NotI-NotI

ACCN:

NM_006090

Insert Size:

2190 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_006090.3</u> , <u>NP_006081.1</u>
RefSeq Size:	2213 bp
RefSeq ORF:	1251 bp
Locus ID:	10390
UniProt ID:	<u>Q9Y6K0</u>
Cytogenetics:	1p13.3
Domains:	CDP-OH_P_transf
Protein Families:	Transmembrane
Gene Summary:	This gene codes for a choline/ethanolaminephosphotransferase, which functions in the synthesis of choline- or ethanolamine- containing phospholipids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]