

Product datasheet for SC336099

CETP (NM_001286085) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CETP (NM_001286085) Human Untagged Clone
Tag:	Tag Free
Symbol:	CETP
Synonyms:	BPIFF; HDLCQ10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336099 representing NM_001286085. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGGCTGCCACAGTCCTGACCTGGCCCTGCTGGCAATGCCCATGCCTGCTCCAAAGGCACCTCG
CACGAGGCAGGCATCGTGTGCCGCATCACCAAGCCTGCCCTCCTGGTGTGAACCACGAGACTGCCAAG
GTGATCCAGACCGCCTCCAGCGAGCCAGCTACCCAGATATCACGGGCGAGAAGGCCATGATGCTCCTT
GGCCAAGTCAAGTATGGTTGCACAACATCCAGATCAGCCACTTGTCCATCGCCAGCAGCCAGGTGGAG
CTGGTGAAGCCAAGTCCATTGATGTCTCCATTAGAACGTGTCTGTGGTCTTCAAGGGGACCCTGAAG
TATGGCTACACCACTGCCTGGTGGTATTGATCAGTCCATTGACTTCGAGATCGACTCTGCCATT
GACCTCCAGATCAACACACAGCTGACCTGTGACTCTGGTAGAGTGGGACCGATGCCCTGACTGCTAC
CTGTCTTTCCATAAGCTGCTCCTGCATCTCCAAGGGGAGCGAGAGCCTGGGTGGATCAAGCAGCTGTTC
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TCTAACATCATGGCCGATTTTGTCCAGACAAGGGCTGCCAGCATCCTTTTCAGATGGAGACATTGGGGTG
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GAGACCTGGGGCTTCAACACCAACCAGGAAATCTTCAAGAGGTGTGGCGGCTTCCCCAGCCAGGCC
CAAGTCACCGTCCACTGCCTCAAGATGCCAAGATCTCCTGCCAAAACAAGGGAGTCTGGTCAATTCT
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GATATCGTGACTACCGTCCAGGCCTCTATTCTAAGAAAAGCTCTTCTTAAGCCTCTTGGATTTCCAG
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ATGATCACCGCTGTGGGCATCCCTGAGGTGATGCTCGGCTCGAGGTAGTGTTCACAGCCCTCATGAAC
AGCAAAGGCGTGAGCCTTTCGACATCATCAACCCTGAGATTACTCGAGATGGCTTCTGCTGCTG
CAGATGGACTTTGGCTTCCCTGAGCACCTGCTGGTGGATTTCTCCAGAGCTTAGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001286085
Insert Size:	1302 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_001286085.1</u>
RefSeq Size:	1537 bp
RefSeq ORF:	1302 bp
Locus ID:	1071
Cytogenetics:	16q13
Protein Families:	Druggable Genome, Secreted Protein
MW:	47.8 kDa
Gene Summary:	<p>The protein encoded by this gene is found in plasma, where it is involved in the transfer of cholesteryl ester from high density lipoprotein (HDL) to other lipoproteins. Defects in this gene are a cause of hyperalphalipoproteinemia 1 (HALP1). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>