

## Recombinant Human CETP

Cat. No. CETP-27168TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human CEPT with an N terminal proprietary tag; predicted mwt: 79.97 kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	493 amino acids
<b>Description</b>	Cholesteryl ester transfer protein (CETP) transfers cholesteryl esters between lipoproteins. CETP may effect susceptibility to atherosclerosis.
<b>Molecular Weight</b>	79.970kDa inclusive of tags
<b>Tissue specificity</b>	Expressed by the liver and secreted in plasma.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids**

MLAATVLTLLGNAHACSKGTSHEAGIVCRITKPALLVL NHETAKVIQTAFQRASYP  
 DITGEKAMMLLGQVKYGLHNIQ ISHLSIASSQVELVEAKSIDVSIQNVSVVFKGTLKY  
 GYTT AWWLGIDQSIDFEIDSAIDLQINTQLTCDSGRVRTDAPDC YLSFHKLLLHLQG  
 EREPGWIKQLFTNFISFTLKLVLKGQI CKEINVISNIMADFVQTRAASILSDGDIGVDIS  
 LTGDPVI TASYLESHHKGHFIYKNVSEDLPPTFSPTLLGDSRMLYF WFSERVFHSL  
 AKVAFQDGRMLMSLMGDEFKAVLETWGFNT NQEIFQEVVGGFPSQAQVTVHCLKM  
 PKISCQNKGVVVNSS VMVKFLFPRPDQQHSVAYTFEEDIVTTVQASYSKKKLFLS LL  
 DFQITPKTVSNLTESSSESIQSFLQSMITAVGIPEVTS RLEVVFTALMNSKGVSLFDII  
 NPEIITRDGFLLLQMDFGF PEHLLVDFLQSL

**Sequence Similarities**

Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.

## GENE INFORMATION

**Gene Name** CETP cholesteryl ester transfer protein, plasma [ *Homo sapiens* ]

**Official Symbol** CETP

**Synonyms** CETP; cholesteryl ester transfer protein, plasma; cholesteryl ester transfer protein; BPI fold containing family F; BPIFF;

**Gene ID** 1071

**mRNA Refseq** NM\_000078

**Protein Refseq** NP\_000069

**MIM** 118470

**Uniprot ID** P11597

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<b>Chromosome Location</b>	16q13
<b>Pathway</b>	HDL-mediated lipid transport, organism-specific biosystem; LDL-mediated lipid transport, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;
<b>Function</b>	cholesterol binding; cholesterol transporter activity; lipid binding; lipid transporter activity; phosphatidylcholine binding;

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