Recombinant Human CETP

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

SPECIFICATION

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

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Sequences of amino acids	MLAATVLTLALLGNAHACSKGTSHEAGIVCRITKPALLVL NHETAKVIQTAFQRASYP DITGEKAMMLLGQVKYGLHNIQ ISHLSIASSQVELVEAKSIDVSIQNVSVVFKGTLKY GYTT AWWLGIDQSIDFEIDSAIDLQINTQLTCDSGRVRTDAPDC YLSFHKLLLHLQG EREPGWIKQLFTNFISFTLKLVLKGQI CKEINVISNIMADFVQTRAASILSDGDIGVDIS LTGDPVI TASYLESHHKGHFIYKNVSEDLPLPTFSPTLLGDSRMLYF WFSERVFHSL AKVAFQDGRLMLSLMGDEFKAVLETWGFNT NQEIFQEVVGGFPSQAQVTVHCLKM PKISCQNKGVVVNSS VMVKFLFPRPDQQHSVAYTFEEDIVTTVQASYSKKKLFLS LL DFQITPKTVSNLTESSSESIQSFLQSMITAVGIPEVTS RLEVVFTALMNSKGVSLFDII NPEIITRDGFLLLQMDFGF PEHLLVDFLQSLS
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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Chromosome Location	16q13
Pathway	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;
Function	cholesterol binding; cholesterol transporter activity; lipid binding; lipid transporter activity; phosphatidylcholine binding;

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