

# Recombinant Human CETP, GST-tagged

**Cat. No.** CETP-11131H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CETP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-350a.a.                                                                                                                                                    |
| <b>Description</b>      | Cholesteryl ester transfer protein (CETP) transfers cholesteryl esters between lipoproteins. CETP may effect susceptibility to atherosclerosis.                   |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CETP cholesteryl ester transfer protein, plasma [ Homo sapiens ]                      |
| <b>Official Symbol</b> | CETP                                                                                  |
| <b>Synonyms</b>        | CETP; cholesteryl ester transfer protein, plasma; cholesteryl ester transfer protein; |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | BPI fold containing family F; BPIFF; lipid transfer protein I; HDLCQ10;                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>             | <a href="#">1071</a>                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | <a href="#">NM_000078</a>                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_000069</a>                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | <a href="#">118470</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | <a href="#">P11597</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| <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, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Statin Pathway, organism-specific biosystem; |
| <b>Function</b>            | cholesterol binding; cholesterol transporter activity; lipid binding; lipid transporter activity; phosphatidylcholine binding; phospholipid transporter activity; triglyceride binding;                                                                                                                                                                                                                         |