

Recombinant Human CETP protein, GST-tagged

Cat. No. CETP-5633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CETP protein(144-493 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	144-493 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	TQLTCDSGRVRTDAPDCYLSFHKLLLHLQGEREPGWIKQLFTNFISFTLKLVLKGQIC KEINVISNIMADVFQTRAASILSDGDIGVDISLTGDPVITASYLESHHKGHFIYKNVSED LPLPTFSPTLLGDSRMLYFWFSERVFHSIAKVAQDGRMLSLMGDEFKAVLETWG FNTNQEIFQEVVGGFPSQAQVTVHCLKMPKISCQNKGVVNSSVMVKFLFPRPDQQ HSVAYTFEEDIVTTVQASYSKKKLFLSLDFQITPKTVSNLTSSSESIQSFLQSMITAV GIPEVMSRLEVVF TALMNSKGVSLFDIINPEIITRDGFLLLQMDFGFPEHLLVDFLQSL S
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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; lipid transfer protein I; HDLCQ10;

Gene ID 1071

mRNA Refseq NM_000078

Protein Refseq NP_000069

MIM 118470

UniProt ID P11597

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SDS-PAGE

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