

Recombinant Human COPE protein, GST-tagged

Cat. No. COPE-11456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COPE protein(1-308 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-308 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	MAPPAPGPASGGSGEVDELFDVKNAFYIGSYQQCINEAQRVKLSSPERDVERDVFL YRAYLAQRKFGVVLDEIKPSSAPELQAVRMFADYLAHESRRDSIVAELDREMSRSVD VTNTTFLMLAASIYLHDQNPDAALRALHQGDSLECTAMTVQILLKLDRDLARKELKR MQDLDEDATLTQLATAWVSLATGGEKLQDAYYIFQEMADKCSPTLLLLNGQAACHM AQGRWEAAEGLLQEALDKDSGYPETLVNLIVLSQHLGKPPEVTNRYLSQLKDAHRS HPFIKEYQAKENDFDRLVLQYAPSA
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [COPE coatomer protein complex, subunit epsilon \[Homo sapiens \]](#)

Official Symbol [COPE](#)

Synonyms

COPE; coatomer protein complex, subunit epsilon; coatomer subunit epsilon; epsilon COP; epsilon coat protein; epsilon-coat protein; coatomer epsilon subunit; epsilon-COP; FLJ13241;

mRNA Refseq [NM_007263](#)

Protein Refseq [NP_009194](#)

MIM [606942](#)

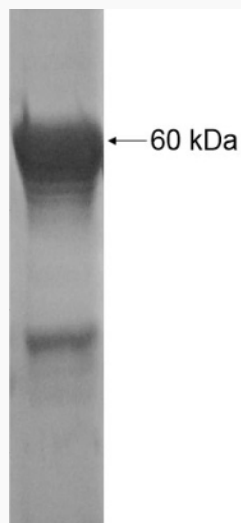
UniProt ID [O14579](#)

Gene ID [11316](#)

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SDS-PAGE

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