

Recombinant Full Length Human COPE Protein, GST-tagged

Cat. No. COPE-1952HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COPE full-length ORF (NP_009194.2, 1 a.a. - 308 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	308 amino acids
Description	The product of this gene is an epsilon subunit of coatomer protein complex. Coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles. It is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. Coatomer complex consists of at least the alpha, beta, beta', gamma, delta, epsilon and zeta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Molecular Mass	60.9 kDa
AA Sequence	MAPPAPGPASGGSGEVDELFDVKNAFYIGSYQQCINEAQRVKLSSPERDVERDVFL YRAYLAQRKFGVVLDEIKPSSAPELQAVRMFADYLAHESRRDSIVAELDREMSRSVD VTNTTFLMLAASIYLHDQNPDAALRALHQGDSLECTAMTVQILLKLDRDLARKELKR MQDLDEDATLTQLATAWVSLATGGEKLQDAYYIFQEMADKCSPTLLLLNGQAACHM AQGRWEAAEGLLQEALDKDSGYPETLVNLIVLSQHLGKPPEVTNRYLSQLKDAHRS HPFIKEYQAKENDFDRLVLQYAPSA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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
Gene ID	11316
mRNA Refseq	NM_007263
Protein Refseq	NP_009194
MIM	606942
UniProt ID	O14579

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