Recombinant Human COPE Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COPE-3597H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COPE MS Standard C13 and N15-labeled recombinant protein (NP_009194) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	34.5 kDa
AA Sequence	MAPPAPGPASGGSGEVDELFDVKNAFYIGSYQQCINEAQRVKLSSPERDVERDVFL YRAYLAQRKFGVVLDEIKPSSAPELQAVRMFADYLAHESRRDSIVAELDREMSRSVD VTNTTFLLMAASIYLHDQNPDAALRALHQGDSLECTAMTVQILLKLDRLDLARKELKR MQDLDEDATLTQLATAWVSLATGGEKLQDAYYIFQEMADKCSPTLLLLNGQAACHM AQGRWEAAEGLLQEALDKDSGYPETLVNLIVLSQHLGKPPEVTNRYLSQLKDAHRS HPFIKEYQAKENDFDRLVLQYAPSATRTRPLEQKLISEEDLAANDILDYKDDDDKV

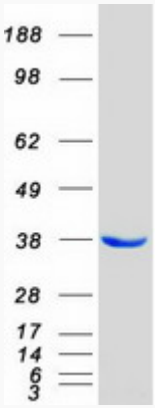
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	COPE COPI coat complex subunit epsilon [Homo sapiens (human)]
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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SDS-PAGE	

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