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COPE, 1-308aa Human, His tag, E.coli

产品货号: TP01686

第三版

**别名:** Coatomer subunit epsilon, Coatomer protein complex, subunit epsilon, epsilon-COP

**描述:** COPE 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. Recombinant human COPE protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

**分子量:** 36.9 kDa (331aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMAPPAPGPASGGSGEVDELFDVKNAFYIGSYQQCINEAQRVKLSSPERDVERDVFL  
YRAYLAQRKFGVVLDEIKPSSAPELQAVRMFADYLAHESRRDSIVAELDREMSRSVDVTNTTFLMAASIYLHDQNPDAAL  
RALHQQDSLECTAMTVQILLKLDRLDLARKEKRMQDLDEDATLTQLATAWVSLATGGEKLQDAYYIFQEMADKCSPTL  
LLLNGQAACHMAQGRWEAAEGLLQEALDKDSGYPETLVNLIVLSQHLGKPPEVTNRYLSQLKDAHRSHPIKEYQAKEN  
DFDRLVLQYAPSA

**纯度:** > 95% by HPLC

**浓度:** 0.25 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.