

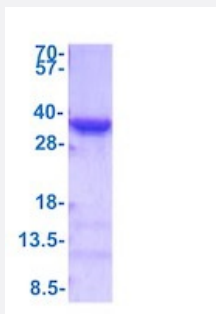
Full-Length

# COPE (Human) Recombinant Protein

Catalog # P7722

Size 100 ug

## Applications



SDS-PAGE analysis of COPE (Human) Recombinant Protein

## Specification

### Product Description

Human COPE (NP\_009194, 1 a.a. - 308 a.a ) full-length recombinant protein with His tag expressed in *Escherichia coli*.

### Sequence

MGSSHHHHHHSSGLVPRGSHMGSMAPPAPGPASGGSGEVDELFDVKNAFYIGSYQQCINEAQR  
VKLSSPERDVERDVFLYRAYLAQRKFGVVLDEIKPSSAPELQAVRMFADYLAHESRRDSMAELD  
REMSRSVDVTNTTFLMAASYLHDQNPDAALRALHQGDSLECTAMTVQILLKLDRLDLARKELKR  
MQDLDEDATLTQLATAWVSLATGGEKLQDAYYIFQEMADKCSPTLLLLNGQAACHMAQGRWEA  
AEGLLQEALDKDSGYPETLVNLIVLSQHLGKPPEVTNRYLSQLKDAHRSHPFKEYQAKENDFDRL  
VLQYAPSA

### Host

*Escherichia coli*

### Theoretical MW (kDa)

36.9

### Form

Liquid

### Preparation Method

*Escherichia coli* expression system

### Concentration

0.25mg/mL

### Purity

> 90% by SDS-PAGE

### Quality Control Testing

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.  
SDS-PAGE analysis of COPE (Human) Recombinant Protein

Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1 mM DTT, 20% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — COPE

Entrez GeneID	<a href="#">11316</a>
Protein Accession#	<a href="#">O14579</a>
Gene Name	COPE
Gene Alias	FLJ13241, epsilon-COP
Gene Description	coatomer protein complex, subunit epsilon
Omim ID	<a href="#">606942</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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]
Other Designations	coatomer epsilon subunit epsilon coat protein epsilon subunit of coatomer protein complex