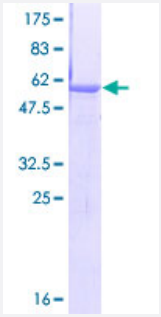
Full-Length

COPE (Human) Recombinant Protein (P01)

Catalog # H00011316-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human COPE full-length ORF (NP_009194.2, 1 a.a. - 308 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAPPAPGPASGGSGEVDELFDVKNAFYIGSYQQCINEAQRVKLSSPERDVERDVFLYRAYLAQR KFGVVLDEIKPSSAPELQAVRMFADYLAHESRRDSIVAELDREMSRSVDVTNTTFLLMAASIYLHD QNPDAALRALHQGDSLECTAMTVQILLKLDRLDLARKELKRMQDLDEDATLTQLATAWVSLATG GEKLQDAYYIFQEMADKCSPTLLLLNGQAACHMAQGRWEAAEGLLQEALDKDSGYPETLVNLIVL SQHLGKPPEVTNRYLSQLKDAHRSHPFIKEYQAKENDFDRLVLQYAPSA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	60.9
Interspecies Antigen Sequence	Rat (92)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — COPE

Entrez GeneID	11316
GeneBank Accession#	NM_007263.3
Protein Accession#	NP_009194.2
Gene Name	COPE
Gene Alias	FLJ13241, epsilon-COP
Gene Description	coatomer protein complex, subunit epsilon
Omim ID	606942
Gene Ontology	Hyperlink
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