

Product datasheet for **AR51692PU-N**

Coatomer subunit epsilon (1-308, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Coatomer subunit epsilon (1-308, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAPPAPG PASGGSGEVD ELFDVKNAFY IGSYQQCINE AQRVKLSSPE RDVERDVFLY RAYLAQRKFG VVLDEIKPSS APELQAVRMF ADYLAHESRR DSIVAELDRE MSRSVDVTNT TFLMAASIY LHDQNPDAAL RALHQGDSLE CTAMTVQILL KLDRLDLARK ELKRMQDLDE DATLTQLATA WVSLATGGGEK LQDAYYIFQE MADKCSPTLL LLNGQAACHM AQGRWEAAEG LLQEALDKDS GYPETLVNLI VLSQHLGKPP EVTNRYSQL KDAHRSHPI KEYQAKENDF DRLVLQYAPS A
Tag:	His-tag
Predicted MW:	36.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 20% glycerol, 1 mM DTT
Protein Description:	Recombinant human COPE protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_009194
Locus ID:	11316
UniProt ID:	O14579
Cytogenetics:	19p13.11
Synonyms:	epsilon-COP



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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, Jul 2008]

Product images: