

Recombinant Human COPZ1, His-tagged

Cat. No. COPZ1-3525H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human COPZ1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (1-177aa).
Species	Human
Source	E.coli
Description	Coatomer protein complex, subunit zeta1, also known as COPZ1, belongs to the adaptor complexes small subunit family. Coatomer is oligomeric complex that consists of at least the alpha, beta, beta", gamma, delta, epsilon and zeta subunits. The zeta subunit may be involved in regulating the coat assembly and, hence, the rate of biosynthetic protein transport due to its association-dissociation properties with the coatomer complex.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 0.1M NaCl
Molecular Weight	22.3 kDa (197aa)confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MEALILEPSL YTVKAILLD NDGDRLFAKY YDDTYPVKE QKA FEKNIFN KTHRTDSEIA LLEGLTVVYKSSIDLYFYVI

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GSSYENELML MAVLNCLFDS LSQMLRKNVE KRALLENMEG LFLAVDEIVD
GGVILESDPQ QVVHRVALRG EDVPLTEQTV SQVLQSAKEQ IKWSLLR

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

[COPZ1 coatomer protein complex, subunit zeta 1 \[Homo sapiens \]](#)

Synonyms

COPZ1; COPZ; CGI-120; zeta1-COP; coatomer subunit zeta-1; zeta-1 COP; zeta-1-coat protein

Gene ID

[22818](#)

mRNA Refseq

[NM_016057](#)

Protein Refseq

[NP_057141](#)

UniProt ID

P61923

**Chromosome
Location**

12q13.2-q13.3

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