

## Recombinant Human COPZ1, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
<b>Molecular Weight</b>	22.3 kDa (197aa) confirmed by MALDI-TOF
<b>Purity</b>	> 95% by SDS - PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MGSSHHHHHH SSGLVPRGSH MEALILEPSL YTVKAILILD NDGDRLFAYK YDDTYPVKE QKAFEKNIFN KTHRTDSEIA LLEGLTVVYKSSIDLIFYVI

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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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