

## Product datasheet for **AR09988PU-L**

### Coatomer subunit zeta-1 (1-177, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Coatomer subunit zeta-1 (1-177, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MEALILEPSL YTVKAILILD NDGDRLFAYK YDDTYPVKE QKAFEKNIFN KTHRTDSEIA LLEGLTVVYK SSIDLYFYVI GSSYENELML MAVLNCLFDS LSQMLRKNVE KRALLENMEG LFLAVDEIVD GGVILESDPQ QVVHRVALRG EDVPLTEQTV SQVLQSAKEQ IKWSLLR
Tag:	His-tag
Predicted MW:	22.3 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human COPZ1 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001258663</u>
Locus ID:	22818
UniProt ID:	<u>P61923</u>
Cytogenetics:	12q13.13
Synonyms:	CGI-120; COPZ; HSPC181; zeta-COP; zeta1-COP



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**Summary:**

This gene encodes a subunit of the cytoplasmic coatamer protein complex, which is involved in autophagy and intracellular protein trafficking. The coatamer protein complex is comprised of seven subunits and functions as the coat protein of coat protein complex (COP)I-vesicles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]

**Product images:**

15% SDS-PAGE (3ug)