

## Recombinant Rat COPZ1 Protein, His-tagged

Cat. No. COPZ1-1130R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant rat COPZ1 (NP_057141.1) (Met1-Arg177) was expressed with a polyhistidine tag at the N-terminus.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-177 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 50 mM Tris, 50 mM Arg, pH 8.5, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant rat COPZ1 consists 195 amino acids and predicts a molecular mass of 22.4 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Copz1 coatomer protein complex, subunit zeta 1 [ *Rattus norvegicus* ]

**Official Symbol** COPZ1

**Synonyms** COPZ1; coatomer protein complex, subunit zeta 1; coatomer subunit zeta-1;

**Gene ID** 315345

**mRNA Refseq** NM\_001108117

**Protein Refseq** NP\_001101587

**MIM**

**UniProt ID**

**Pathway** COPI Mediated Transport, organism-specific biosystem; Golgi to ER Retrograde Transport, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;

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