

Recombinant Rat COPZ1 Protein, His-tagged

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

SPECIFICATION

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