Recombinant Mouse Copz1 Protein, Myc/DDK-tagged

Cat. No. Copz1-2266M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length coatomer protein complex, subunit zeta 1 (cDNA clone MGC:37172 IMAGE:4954031), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network. Coatomer complex is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. 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.
Molecular Mass	18.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Copz1 coatomer protein complex, subunit zeta 1 [Mus musculus (house mouse)]
Official Symbol	Copz1
Synonyms	Copz1; coatomer protein complex, subunit zeta 1; AA407760; D4Ertd360; D4Ertd360e; 5930435A22Rik; coatomer subunit zeta-1; nonclathrin coat protein zeta1-COP; zeta-1 COP; zeta-1-coat protein
Gene ID	56447
mRNA Refseq	NM_019817
Protein Refseq	NP_062791
UniProt ID	P61924

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