

Recombinant Human COPZ1, His-tagged

Cat. No. COPZ1-26340TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human COPZ1 with an N terminal His tag; 197 amino acids, predicted MWt 22.3kDa.
Species	Human
Source	E.coli
ProteinLength	177 amino acids
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.
Conjugation	HIS
Molecular Weight	22.300kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid

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repeated freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHHSSGLVPRGSHMEALILEPSLYTVKAILILDNDGDRLFAKYYDDTYP
VKEQKA FEKNIFNKTHRTDSEIALLEGLTVVYKSSIDLYFYVIGSSYENELMLMAVLNC
LFDSLSQMLRKNVEKRALLENMEGLFLAVDEIVDGGVILESDPQQVVHRVALRGEDV
PLTEQTVSQVLQSAKEQIKWSLLR

Sequence Similarities

Belongs to the adaptor complexes small subunit family.

GENE INFORMATION

Gene Name

[COPZ1 coatomer protein complex, subunit zeta 1 \[Homo sapiens \]](#)

Official Symbol

[COPZ1](#)

Synonyms

COPZ1; coatomer protein complex, subunit zeta 1; coatomer protein complex, subunit zeta , COPZ; coatomer subunit zeta-1; CGI 120;

Gene ID

[22818](#)

mRNA Refseq

[NM_016057](#)

Protein Refseq

[NP_057141](#)

Uniprot ID

[P61923](#)

Chromosome Location

12q13.2-q13.3

Pathway

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

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biosystem;

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