

Recombinant Human COPB1 Protein, His&GST-tagged

Cat. No. COPB1-830H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COPB1 Protein (Met1-Ile177) with His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ile177
Description	This gene encodes a protein subunit of the coatamer complex associated with non-clathrin coated vesicles. The coatamer complex, also known as the coat protein complex 1, forms in the cytoplasm and is recruited to the Golgi by activated guanosine triphosphatases. Once at the Golgi membrane, the coatamer complex may assist in the movement of protein and lipid components back to the endoplasmic reticulum. Alternatively spliced transcript variants have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.4 kDa; Accurate Molecular Mass: 50 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

COPB1 coatomer protein complex, subunit beta 1 [Homo sapiens (human)]

Official Symbol

COPB1

Synonyms

COPB1; coatomer protein complex, subunit beta 1; coatomer protein complex, subunit beta, COPB; coatomer subunit beta; beta-cop; beta coat protein; beta-coat protein; COPB; FLJ10341; FLJ46444; FLJ57957; DKFZp761K102;

Gene ID

1315

mRNA Refseq

NM_001144061

Protein Refseq

NP_001137533

MIM

600959

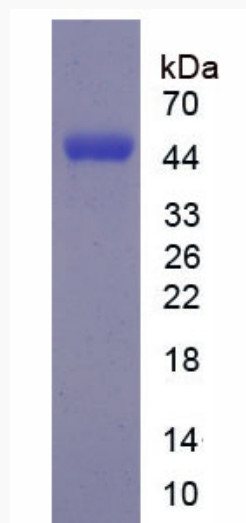
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UniProt ID

P53618



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