

AR09988PU-N

Human Coatomer subunit zeta-1 (1-177, His-tag) - Purified

Alternate names:

CGI-120, COPZ, COPZ1, HSPC181, Zeta-1 COP

Quantity:

50 µg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

Coatomer protein complex, subunit zeta1, also known as COPZ1, belongs to the adaptor complexes small subunit family. Coatomer is oligomeric complex that consists of at least the alpha, beta, beta', gamma, delta, epsilon and zeta subunits. 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.

Uniprot ID:

[P61923](#)

NCBI:

[NP_057141](#)

GeneID:

[22818](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Description:

Recombinant human COPZ1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MEALILEPSL YTVKAILILD NDGDRLFAYK YDDTYPVSKE
QKAFEKNIFN KTHRTDSEIA LLEGLTVVYK SSIDLYFYVI GSSYENELML MAVLNCLFDS
LSQMLRKNVE KRALLENMEG LFLAVDEIVD GGVIIESDPQ QVVHRVALRG EDVPLTEQTV
SQVLQSAKEQ IKWSLLR

Molecular weight: 22.3 kDa (197aa) confirmed by MALDI-TOF

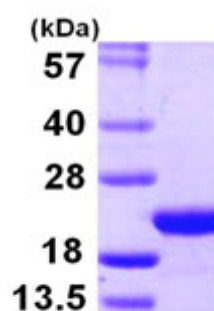
Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

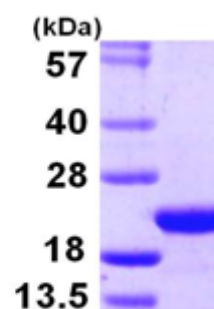
Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human COPZ1, 1-177 aa, His-tagged



15% SDS-PAGE (3ug)