

COPZ1 Human

Description: COPZ1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 197 amino acids (1-177a.a.) and having a molecular mass of 22.3kDa. The COPZ1 is purified by proprietary chromatographic techniques.

Catalog #: PRPS-228

For research use only.

Synonyms: Coatomer protein complex subunit zeta 1, Zeta-1 COP, CGI-120, COPZ.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MEALILEPSL YTVKAILILD
NDGDRLEFAKY YDDTYPVKE QKAFKKNIFN KTHRTDSEIA LLEGLTVVYK SSIDLYFYVI
GSSYENELML MAVLNCLFDS LSQMLRKNVE KRALLENMEG LFLAVDEIVD GGVILESDPQ
QVVHRVALRG EDVPLTEQTV SQVLQSAKEQ IKWSLLR

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The COPZ1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.

Stability:

COPZ1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

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Introduction:

COPZ1 is a member of the adaptor complexes small subunit family. Coatomer is an oligomeric complex which contains as a minimum the alpha, beta, beta', gamma, delta, epsilon and zeta subunits. The zeta subunit has a part in regulating the coat assembly and, therefore, the rate of biosynthetic protein transport due to its association-dissociation properties with the coatomer complex.

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