

**COPZ1, 1-177aa, Human, His tag, E.coli**

**Cat.NO.: TP01690**

3th Edition

**Synonyms:**Coatomer protein complex, subunit zeta1, CGI-120, COPZ, zeta1-COP

**Description:**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMEALILEPSLYTVKAILILDNDGDRLFAKYYDDTYPVKEQKAFEKNIFNKTHRTDS  
EIALLEGLTVVYKSSIDLYFYVIGSSYENELMLMAVLNCLFDSLSQLRKNVEKRALLENMEGLFLAVDEIVDGGVILE  
SDPQQVVHRVALRGEDVPLTEQTVSQVLQSAKEQIKWSLLR

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay )

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.