

ZG16, 17-167aa Human, His tag, E.coli

Cat.NO.: TP04534

3th Edition

Synonyms:zymogen granule membrane protein 16 precursor , JCLN, JCLN1, ZG16A

Description:ZG16 may play a role in protein trafficking. It may act as a linker molecule between the submembranous matrix on the luminal side of zymogen granule membrane (ZGM) and aggregated secretory proteins during granule formation in the TGN. Recombinant human ZG16 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:19.0 kDa (174aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSNAIQARSSSYSGEYGGGGGKRFSSHSGNQLDGPITALRVRVNTYYIVGLQVR
YGKVWSDYVGGRRNGDLEEIFLHPGESVIQVSGKYKWYLKKLVFVTDKGRYLSFGKDSGTSFNAPLHPNTVLRFIS
GRSGSLIDAIGLHWDVYPTSCSRC

Purity:> 95% by HPLC

Concentration:0.25 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.