Recombinant Human zymogen granule protein 16, His-tagged

Cat. No. ZG16-522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ZG16, 17-167aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	17-167 a.a.
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 Mass	19.0 kDa (174aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSNAIQARS SSYSGEYGGG GGKRFSHSGN QLDGPITALR VRVNTYYIVG LQVRYGKVWS DYVGGRNGDL EEIFLHPGES VIQVSGKYKW YLKKLVFVTD KGRYLSFGKD SGTSFNAVPL HPNTVLRFIS GRSGSLIDAI GLHWDVYPTS CSRC
Purity	>95 % by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	ZG16?zymogen granule protein 16 [?Homo sapiens?(human)]
Official Symbol	ZG16
Synonyms	ZG16; JCLN; JCLN1; ZG16A; zymogen granule protein 16; zymogen granule membrane protein 16; secretory lectin ZG16; zymogen granule protein 16 homolog; jacalin-like lectin domain containing
Gene ID	653808
mRNA Refseq	NM_152338
Protein Refseq	NP_689551
UniProt ID	O60844
Chromosome Location	16p11.2

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