Recombinant Human ZG16, His-tagged

Cat. No. ZG16-5123H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ZG16 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
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
Applications	SDS-PAGE

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Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. 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 membrane protein 16;secretory lectin ZG16;zymogen granule protein 16 homolog;jacalin-like lectin domain containing
Gene ID	653808
mRNA Refseq	NM_152338.3
Protein Refseq	NP_689551.2
UniProt ID	O60844
Chromosome Location	16p11.2

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