9051 Mira Mesa Blvd, #910094
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ZG16 Human

Zymogen Granule Protein 16 Homolog Human Recombinant
RCP2612

Product Overview

Name	ZG16 Human
Description	
Zymogen Granule Protein 16 Homolog Human Recombinant	
Accession (Primary)	O60844
Synonyms	
Zymogen granule membrane protein 16, Zymogen granule protein 16, hZG16, Secretory lectin ZG16, ZG16, JCLN, JCLN1, ZG16A, FLJ43571, FLJ92276, MGC34820, MGC183567.	
Introduction	
Zymogen Granule Protein 16 Homolog (ZG16) is a member of the jacalin lectin family. ZG16 may have a role in protein trafficking and 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. ZG16 is highly expressed in the liver, but can also be detected at lower levels in colon, ileum and jejunum.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The ZG16 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS NAIQARS SSYSGEYGGG GGKRFSHSGN QLDGPITALR VRVNTYYIVG LQVRYGKVWS DYVGGRNGDL EEIFLHPGES VIQVSGKYKW YLKKLVFVTD KGRYLSFGKD SGTSFNAVPL HPNTVLRFIS GRSGSLIDAI GLHWDVYPTS CSRC.	
Precautions	

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ZG16 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O60844)