

32-5275: Recombinant Human Zymogen Granule Protein 16 Homolog

Alternative Name : Zymogen granule membrane protein 16,Zymogen granule protein 16,hZG16,Secretory lectin ZG16,ZG16,JCLN,JCLN1,ZG16A,FLJ43571,FLJ92276,MGC34820,MGC183567.

Description

Source : Escherichia Coli. ZG16 Human Recombinant produced in E. coli is a single polypeptide chain containing 174 amino acids (17-167) and having a molecular mass of 19kDa. ZG16 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 10 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The ZG16 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSSLVPRGSH MGSNAIQARS SSYSGEYGGG GKRFSHSGN QLDGPITALR
VRVNTYYIVG LQVRYGKVWS DYVGGRRNGDL EEIFLHPGES VIQVSGKYKW YLKKLVFVTD KGRYLSFGKD
SGTSFNAVPL HPNTVLRFIS GRSGLIDAI GLHWDVYPTS CSRC.