

Zymogen Granule Protein 16 Homolog Human Recombinant

Item Number	rAP-5093
Synonyms	Zymogen granule membrane protein 16, Zymogen granule protein 16, hZG16, Secretory lectin ZG16, ZG16, JCLN1, JCLN1, ZG16A, FLJ43571, FLJ92276, MGC34820, MGC183567.
Description	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.
Uniprot Accesion Number	O60844
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSNAIQARS SSYSGEYGGG GGKRFSHSGN QLDGPITALR VRVNNTY-YIVG LQVRYGKVWS DYVGGRNGDL EEIFLHPGES VIQVSGKYKW YLKKLVFVTD KGRYLSFGKD SGTSFNAVPL HPNTVLRFIS GRSGSLIDAI GLHWDVYPTS CSRC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The ZG16 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**