

Zymogen Granule Protein 16 Homolog Recombinant Protein | ZG16 recombinant protein

Recombinant Human Zymogen Granule Protein 16 Homolog

CATALOG #
AAA38572

HOST
E Coli

PRODUCT SYNONYMS

Zymogen Granule Protein 16 Homolog; Recombinant Human Zymogen Granule Protein 16 Homolog; ZG16 Human; Zymogen Granule Protein 16 Homolog Human Recombinant; Zymogen granule membrane protein 16; Zymogen granule protein 16; hZG16; Secretory lectin ZG16; ZG16; JCLN; JCLN1; ZG16A; FLJ43571; FLJ92276; MGC34820; MGC183567; ZG16 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	The ZG16 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS NAIQARSSSY SGEYGGGGGK RFSHSGNQLD GPITALRVRV NTYYIVGLQV RYGVVSDYV GGRNGDLEEI FLHPGESVIQ VSGKYKWYLK KLVFVTDKGR YLSFGKDSGT SFNAVPLHPN TVLRFISGRS GSLIDAIGLH WDVYPTSCSR C
Sequence Length	167

ADDITIONAL INFORMATION

Related Product Information for ZG16 recombinant protein	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. 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.
Product Categories/Family for ZG16 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Zinc Finger

NCBI AND UNIPROT INFORMATION

NCBI GI #	327412340
NCBI GeneID	653808
NCBI Accession #	NP_689551.2
NCBI GenBank Nucleotide #	NM_152338.3
UniProt Accession #	O60844 ; B2R4Z3 ; B9EK72
Molecular Weight	18,147 Da
NCBI Official Full Name	zymogen granule membrane protein 16
NCBI Official Synonym Full Names	zymogen granule protein 16

NCBI Official Symbol	ZG16
NCBI Official Synonym Symbols	JCLN; JCLN1; ZG16A
NCBI Protein Information	zymogen granule membrane protein 16; jacalin-like lectin domain containing; secretory lectin ZG16; zymogen granule protein 16 homolog
UniProt Protein Name	Zymogen granule membrane protein 16
UniProt Gene Name	ZG16
UniProt Synonym Gene Names	Zymogen granule protein 16; hZG16
UniProt Entry Name	ZG16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/zg16-recombinant-protein-e-coli/38572>