

ZG16 Human

Description: The Zymogen Granule Protein 16 Homolog Human Recombinant is produced in E.coli and fused with an N-terminal His Tag (10 amino acids). The ZG16 His Tagged Fusion Protein is 17.9kDa protein containing a total of 161 amino acid residues and purified by proprietary chromatographic techniques.

Catalog #: PRPS-485

For research use only.

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

Source: Escherichia Coli.

Amino Acid Sequence: MKHHHHHHAS NAIQARSSSY SGEYGSGGGK RFSHSGNQLD
GPITALRVRV NTYYIVGLQV RYGVWSDYV GGRNGDLEEI FLHPGESVIQ VSGKYKWYLK
KLVFVTDKGR YLSFGKDSGT SFNAVPLHPN TVLRFISGRS GSLIDAIGLH WDVYPTSCSR C.

Purity: Purity of ZG16 is greater than 95% as determined by densitometric image analysis.

Formulation:

ZG16 is filtered (0.4

Stability:

Store lyophilized ZG16 Human recombinant at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

ELISA, Western blotting.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

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.

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