

Product information



ZG16, 17-167aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2619

Full name: zymogen granule membrane protein 16 precursor

NCBI Accession No.: NP_689551

Synonym: JCLN, JCLN1, ZG16A

Description: ZG16 may play a role in protein trafficking. It 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. Recombinant human ZG16 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

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| <p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT</p> <p>Molecular Weight: 19.0 kDa (174aa) confirmed by MALDI-TOF</p> <p>Purity: >95 % by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p> | <p>(kDa)</p> <p>15% SDS-PAGE (3ug)</p> |
| <p>Sequences of amino acids:</p> <p>MGSSHHHHHH SSGLVPRGSH MGSNAIQARS SSYSGEYGGG GGRFSGHSGN QLDGPITALR VRVNTYYIVG LQVRYGKVWS DYVGGRNGDL EEIFLHPGES VIQVSGKYKW YLKKLVFVTD KGRYLSFGKD SGTSFNAVPL HPNTVLRFLS GRGSLIDAI GLHWDVYPTS CSRC</p> | |

General references:

Zhou Y.B., *et al* (2007). Biochem. Biophys. Res. Commun. 355:679-686

Kanagawa M., *et al* (2011). Biochem. Biophys. Res. Commun. 404:201-205

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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