

Recombinant Rat ZG16 Protein

Product Manual

1. Product Basic Information

Product No.: REP08687

Protein Name: Secretory Lectin Zg16 (ZG16)

Aliases: JCLN; JCLN1; ZG16A; secretory lectin ZG16; zymogen granule protein 16; zymogen granule protein 16 homolog; zymogen granule membrane protein 16; jacalin-like lectin domain containing

UniProt ID: O60844

UniProt Link: <https://www.uniprot.org/uniprotkb/O60844/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (17-167aa)

Molecular Weight: 20.8 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (17-167aa)

NSIQSRSSSYSGEYGGKGGKRFSGNSGNQLDGPITAIRIRVNRYYIIGLQVRYGTVWS
DYVGGNQGDLEEIFLHPGESVIQVSGKYKSYVKQLIFVTDKGRYLPFGKDSGTSFNA
VPLHPNTVLRFISGRSGSAIDAI SLHWDTYPSHCNTC

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause



5. Product Description

This product is a recombinant Rat ZG16 full length of mature protein protein (17-167aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ZG16, also known as JCLN or JCLN1 or ZG16A, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.