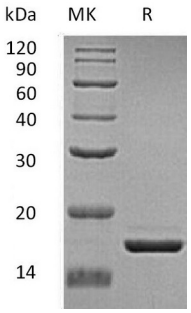
Product Name: Recombinant Human ZG16 (C-6His)
Catalog #: PHH1477

Summary

Name	Secretory lectin ZG16/ZG16
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Zymogen Granule Membrane Protein 16 is produced by our Mammalian expression system and the target gene encoding Asn17-Cys167 is expressed with a 6His tag at the C-terminus.
Accession #	AAH29149.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	17.7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM His-HCl, 10% Trehalose, 50 mM NaCl, 0.05% Tween 80, 1 mM EDTA, pH6.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	Zymogen Granule Membrane Protein 16; Zymogen Granule Protein 16; hZG16; Secretory Lectin ZG16; ZG16
Background	Zymogen Granule Membrane Protein 16 (ZG16) belongs to the jacalin lectin family. ZG16 is highly expressed in liver and is detected at lower levels in colon, ileum and jejunum. ZG16 may play a role in protein trafficking. In addition, ZG16 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.

Note

For Research Use Only , Not for Diagnostic Use.