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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Recombinant Human ZG16 Protein (His Tag)

Catalog No. PKSH033244

Description

Synonyms	Zymogen Granule Membrane Protein 16; Zymogen Granule Protein 16; hZG16; Secretory Lectin ZG16; ZG16
Species	Human
Expression_host	Human Cells
Sequence	Asn17-Cys167
Accession	O60844
Mol_Mass	17.7 kDa
AP_Mol_Mass	16 kDa
Tag	C-6His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.4.
Reconstitution	Please refer to the printed manual for detailed information.

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.

SDS-PAGE

