



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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) 



Ceramide Glycosyltransferase Blocking Peptide

BACKGROUND

Sphingolipids and their metabolic products, including ceramide, sphingosine, and sphingosine-1-phosphate (S1P),¹ are important signaling molecules in many biological processes. Ceramide has been is one of the key elements regulating apoptotic responses. Ceramide has been reported as a regulator of several protein kinases and phosphatases, including ceramide-activated protein kinase, protein phosphatase, and protein kinase C. Sphingosine, a metabolite of ceramide, might also play a role in mitochondria-mediated apoptosis. Sphingosine inhibits several protein kinases, including protein kinase C and Ca²⁺-calmodulin-dependent kinase II. S1P regulates many biological processes, including mitogenesis, differentiation, migration, and suppression of apoptosis.

ORDERING INFORMATION

CATALOG NUMBER
X2073B

SIZE
50 µg

CUSTOMER STORAGE
Product should be stored at -20°C.
Aliquot to avoid freeze/thaw cycles

FORMULATION
Provided as solution in phosphate buffered saline with 0.08% sodium azide

SHIP CONDITIONS
Ship at ambient temperature, freeze upon arrival

STABILITY
Products are stable for one year from purchase when stored properly

COMMENTS

For use with Ceramide Glycosyltransferase polyclonal antibody (Cat. No. X1700P).

INSTRUCTIONS

Incubate antibody neat with at least a 50 fold stoichiometric excess of blocking peptide at 37 deg C for 20 minutes (molecular weights of peptide and antibody are ~2.5 kDa and ~160 kDa, respectively). Antibody can then be diluted to a concentration suitable for Western blot.

Example: 10 µl or 10 µg of Exalpa's rabbit anti-Ceramide Glycosyltransferase (Cat. No. X1700P) is added to 10 µg of blocking peptide for a total volume of 20 µl. The mixture is allowed to incubate for 20 minutes at 37 deg C prior to dilution in suitable buffer (for Western blot, etc.).