



# 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

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## Sphingosine Kinase 2, Long Form, Human Blocking Peptide

### BACKGROUND

Rat sphingosine kinase 1 catalyzes the phosphorylation of sphingosine to form sphingosine 1-phosphate (spp)(sphingosine + ATP = sphingosine 1-phosphate + ADP), a lipid mediator with both intra- and extracellular functions. also acts on d-erythro-sphingosine and to a lesser extent sphinganine, but not other lipids, such as d,l-threo-dihydrosphingosine, n, n-dimethylsphingosine, diacylglycerol, ceramide, or phosphatidylinositol. The long form of sphingosine kinase 1, an N-terminal extension, is responsible for FcεRI-mediated calcium mobilization and may play a role in other ligand mediated signaling events.

### ORDERING INFORMATION

**CATALOG NUMBER**  
X1881B

**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

### STABILITY

Products are stable for one year from purchase when stored properly

### COMMENTS

Blocking peptide for use with Human Sphingosine Kinase 2, Long Form antibodies (Cat. No. X1775P & X1880P).

### 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-human Sphingosine Kinase 2, Long Form (Cat. No. X1775P or X1882P) 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.).