



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Sucrose phosphorylase

Cat. No.:	HY-P2753
CAS No.:	9074-06-0
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### Sucrose phosphorylase

#### BIOLOGICAL ACTIVITY

##### Description

Sucrose phosphorylase is a bacterial transglucosidase that catalyzes the conversion of sucrose and phosphate into  $\alpha$ -D-glucose-1-phosphate and D-fructose. The glucosylated Sucrose phosphorylase can also be hydrolyzed into  $\alpha$ -D-glucose, or transfer the glucoyl to the hydroxyl group of the receptor, and then decomposed into new  $\alpha$ -D-glucoside products. The enzymatic activity of base phosphorylase to substrate and product is weak<sup>[1]</sup>.

#### CUSTOMER VALIDATION

- Brain Behav Immun. 2023 Feb 14;S0889-1591(23)00038-7.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

#### REFERENCES

[1]. Goedl C, et al. Sucrose phosphorylase: a powerful transglucosylation catalyst for synthesis of  $\alpha$ -D-glucosides as industrial fine chemicals[J]. Biocatalysis and biotransformation, 2010, 28(1): 10-21.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA