



# 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) 

## Keratanase II, bacillus circulans, expressed in E.coli

Cat. No.:	HY-E70284	
Target:	Biochemical Assay Reagents	
Pathway:	Others	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	Keratanase II, bacillus circulans, expressed in E.coli

### BIOLOGICAL ACTIVITY

#### Description

Keratanase II, bacillus circulans, expressed in E.coli has transglycosylation activity. Keratanase II, bacillus circulans, expressed in E.coli efficiently catalyzes the transglycosylation of  $\alpha(2\rightarrow3)$ -sialylated 6,6'-di-sulfo-LacNAc with two kinds of glycosyl acceptors, 6-sulfo-Lewis X and 6,6'-di-sulfo-LacNAc derivatives, providing Sialyl sulfo-hexasaccharide and Sialyl sulfo-pentasaccharide<sup>[1]</sup>.

### REFERENCES

[1]. Shiori Yuge, et al. Chemoenzymatic Synthesis of Sialyl Sulfo-Oligosaccharides as Potent Siglec-8 Ligands via Transglycosylation Catalyzed by Keratanase II. Biomacromolecules. 2022 Jan 10;23(1):316-325.

**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

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