



# 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) 

## CMP-sialic acid synthetase (NmCSS)

Cat. No.:	HY-E70024		
CAS No.:	9067-82-7		
Target:	Sialyltransferase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

### CMP-sialic acid synthetase

## BIOLOGICAL ACTIVITY

### Description

CMP-sialic acid synthetase (NmCSS) is an essential enzyme involved in the biosynthesis of carbohydrates and glycoconjugates containing sialic acids. CMP-sialic acid synthetase (NmCSS) activates free Sia, converting it to CMP-Sia, which is the only donor substrate for all sialyltransferases<sup>[1]</sup>.

## REFERENCES

[1]. Wu D, et, al. A point-mutation in the C-domain of CMP-sialic acid synthetase leads to lethality of medaka due to protein insolubility. Sci Rep. 2021 Dec 1;11(1):23211.

**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