



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## beta-1,4-N-Acetylgalactosaminyltransferase (CgtA)

Cat. No.:	HY-E70049	
CAS No.:	67338-98-1	
Target:	Others	
Pathway:	Others	beta-1,4-N-Acetylgalactosaminyltransferase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

beta-1,4-N-Acetylgalactosaminyltransferase (CgtA) (GM2/GD2 synthase) is a key enzyme which catalyzes the conversion of GM3, GD3 and lactosylceramide (LacCer) to GM2, GD2 and asialo-GM2 (GA2), respectively. beta-1,4-N-Acetylgalactosaminyltransferase (CgtA) is a key enzyme to control the synthesis of brain-enriched complex gangliosides<sup>[1]</sup>.

### REFERENCES

[1]. Furukawa K, et al. Beta1,4-N-acetylgalactosaminyltransferase--GM2/GD2 synthase: a key enzyme to control the synthesis of brain-enriched complex gangliosides. *Biochim Biophys Acta*. 2002 Dec 19;1573(3):356-62.

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

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