



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## Datasheet

### B4GALNT1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002583-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human B4GALNT1 full-length ORF ( AAH29828.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MWLGRRALCALVLLACASLGLLYASTRDAPGLRLPLA  
PWAPPQSPRRPELPDLAPEPRYAHIPVRIKEQVVGLLA  
WNNCSESSGGGLPLPFQKQVRAIDLTKAFDPAELRA  
ASATREQEFQAFLSRSQSPADQLLIAPANSPLQYPLQ  
GVEVQPLRSILVPGLSLQAASGQEVYQVNLTASLGTW  
DVAGEVTGVTLTGEGQADLTLVSPGLDQLNRQLQLVT  
YSSRSYQTNTADTGARPGWRDGGAGQTEKNQKGWS  
GQMAEGMGGIWAMARAVQPHNGCFNWTSRARGRK  
GAFVHLGLEQARGKPEPWVCLPFRPTVGGPRKRLV

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 61.9

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2583

**Gene Symbol:** B4GALNT1

**Gene Alias:** GALGT, GALNACT

**Gene Summary:** GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. [provided by RefSeq]