



# 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) 

## Datasheet

### B3GAT1 (Human) Recombinant Protein

**Catalog Number:** P9094

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

**Product Description:** Human B3GAT1 (Q9P2W7, 28 a.a. - 334 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in *Baculovirus*.

**Sequence:**

ADPTLAPLLAVHKDEGSDPRRETTPPGADPREYCTSDR  
DIVEVVRTEYVYTRPPPWSDTLPTIHVVTPYSRPVQK  
AELTRMANTLLHVPNLHWLVVEDAPRRTPLTARLLRD  
TGLNYTHLHVETPRNYKLRGDARDPRIPRGTMQRNLA  
LRWLRETFPRNSSQPGVVYFADDDNTYSLELFEEMRS  
TRRVSVWPVAFVGGRLRYEAPRVNGAGKVVGWKT VFD  
PHRPF AIDMAGFAVNLRLILQRSQAYFKLRGVKGGYQ  
ESSLLRELVTLNDLEPKAANCTKILVWHTRTEKPVLVN  
EGKKGFTDPSVEILEPKSCDKTHTCPPCPAPELLGGPS  
VFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFN  
WYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQD  
WLNQKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYT  
LPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQP  
ENNYKTTTPVLDSGSEFLYSKLTVDKSRWQQGNVFS  
CSVMHEALHNHYTQKSLSLSPGKHHHHHHH.

**Host:** Nicotianab enthamiana

**Theoretical MW (kDa):** 62.3

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

**Form:** Liquid

**Preparation Method:** *Baculovirus* expression system

**Purity:** > 90% by SDS-PAGE.

**Storage Buffer:** 20mM Tris-HCl buffer (pH 7.5), 10% glycerol and 0.1M NaCl.

**Storage Instruction:** Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

**Entrez GeneID:** 27087

**Gene Symbol:** B3GAT1

**Gene Alias:** CD57, GLCATP, GlcAT-P, GlcUAT-P, HNK-1, HNK1, LEU7, NK-1

**Gene Summary:** The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized. [provided by RefSeq]