



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

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ST6GALNAC4 (Human) Recombinant Protein (P01)

Catalog Number: H00027090-P01

Regulation Status: For research use only (RUO)

Product Description: Human ST6GALNAC4 full-length ORF (NP_778204.1, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKAPGRLVLIILCSVVFSAVYILLCCWAGLPLCLATCLD
HHFPTGSRPTVPGPLHFSGYSSVPDGKPLVREPCRSC
AVVSSSGQMLGSLGAEIDSAECVFRMNQAPTGVFE
ADVQQRSTLRVVSHTSVPLLLRNYSHYFQKARDTLYM
VWQGRHMDRVLGGRTYRLLQLTRMYPGLQVYTF
ERMAYCDQIFQDETGNRRQSGSFLSTGWFTMILAL
ELCEEIVVYGMVSDSYCREKSHSPVPHYHFEKGRLE
CQMYLAHEQAPRSAHRFITEKAVFSRWAKKRPIVFAH
PSWRTE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.6

Interspecies Antigen Sequence: Mouse (89); Rat (88)

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: 27090

Gene Symbol: ST6GALNAC4

Gene Alias: SIAT3C, SIAT7D, ST6GALNACIV

Gene Summary: The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein prefers glycoproteins rather than glycolipids as substrates and shows restricted substrate specificity, utilizing only the trisaccharide sequence Neu5Ac-alpha-2,3-Gal-beta-1,3-GalNAc. In addition, it is involved in the synthesis of ganglioside GD1A from GM1B. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]