

Datasheet for ABIN6387852

## B3GNT2 Protein (AA 29-397) (His tag)



[Go to Product page](#)

### 1 Image

#### Overview

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Quantity:                     | 100 µg                                        |
| Target:                       | B3GNT2                                        |
| Protein Characteristics:      | AA 29-397                                     |
| Origin:                       | Human                                         |
| Source:                       | Baculovirus infected Insect Cells             |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This B3GNT2 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                                |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | ADPKSSSQEK NGKGEVIIPK EKFWKISTPP EAYWNREQEK LNRQYNPILS MLTNQTGEAG<br>RLSNISHLNY CEPDLRVTSV VTGFNNLPDR FKDFLLYLRC RNYSLIDQP DKCAKKPFLL<br>LAIKSLTPHF ARRQAIRESW GQESNAGNQT VVRVFLGQT PPEDNHPDLS DMLKFESEKH<br>QDILMWNYRD TFFNLSLKEV LFLRWVSTSC PDTEFVFKGD DDVFVNTHHI LNYLNSLSKT<br>KAKDLFIGDV IHNAGPHRDK KLKYYIPEVV YSGLYPPYAG GGGFLYSGHL ALRLYHITDQ<br>VHLYPIDDVY TGMCLQKLGL VPEKHKGFRT FDIEKNKNN ICSYVDLMLV HSRKPQEMID<br>IWSQLQSAHL KCHHHHHH |
| Purity:          | > 90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Endotoxin Level: | < 1 EU per 1 µg of protein (determined by LAL method)                                                                                                                                                                                                                                                                                                                                                                                          |

## Target Details

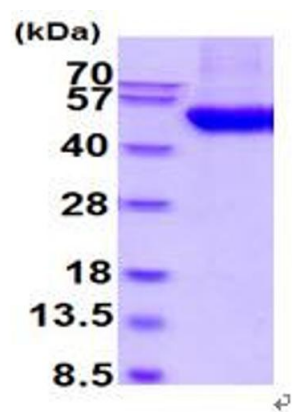
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | B3GNT2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternative Name: | B3GNT2 ( <a href="#">B3GNT2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Background:       | B3GNT2, also known as N-acetylglucosaminide beta-1, 3-N-acetylglucosaminyltransferase 2, belongs to the beta-1, 3-N-acetylglucosaminyltransferase family. It is a type II transmembrane protein which prefers the substrate of lacto-N-neotetraose. It catalyzes the initiation and elongation of poly-N- acetylglucosamine chains. Recombinant human B3GNT2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques |
| Molecular Weight: | 43.5 kDa (375aa)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NCBI Accession:   | <a href="#">NP_006568</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt:          | <a href="#">Q9NY97</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pathways:         | <a href="#">Glycosaminoglycan Metabolic Process</a>                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                            |
| Concentration:   | 0.5 mg/mL                                                                                                                                         |
| Buffer:          | Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol                                                                           |
| Storage:         | 4 °C,-20 °C,-80 °C                                                                                                                                |
| Storage Comment: | Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles. |



15% SDS-PAGE (3ug)

| SDS-PAGE |
|----------|
| Image 1. |