

## Product Information

### MemDX™ Membrane Protein Human GCNT3 (Glucosaminyl (N-acetyl) transferase 3, mucin type) Full Length

Cat. No.: **MPC2500K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human GCNT3 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

GCNT3

##### Protein Length

Full length

##### Protein Class

Transferase

##### TMD

1

##### Sequence

MVQWKRLCQLHYLWALGCYMLLATVALKLSFRLKCDSDHLGLESRESQSQ  
YCRNILYNFLKLPAKRSINCSGVTRGDQEAVLQAILNNLEVKKKREPFTD  
THYLSLTRDCEHFKAERKFIQFPLSKEEVEFPIAYSMVIHEKIENFERLL  
RAVYAPQNIYCVHVDEKSPETFKEAVKAIISCFPNVFIASKLVRVYYASW  
SRVQADLNCMEDLLQSSVPWKYFLNTCGTDFPIKSNAEMVQALKMLNGRN  
SMSEVPPKHKETRWKYHFEVVRDTLHLTNKKDPPPYNLTMFTGNAYIV  
ASRDFVQHV LKNPKSQQLIEWVKDTYSPDEHLWATLQRARWMPGSPVNH  
KYDISDMTSIARLVKQWGHEGDIDKGAPYAPCSGIHQRAICVYGAGDLNW  
MLQNHLLANKFDPKVDDNALQCLEEYLRKYAIGTEL

#### Product Description

##### Expression Systems

HEK293

##### Tag

Based on specific requirements

##### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

GCNT3

**Full Name**

Glucosaminyl (N-acetyl) transferase 3, mucin type

**Introduction**

This gene encodes a member of the N-acetylglucosaminyltransferase family. The encoded protein is a beta-6-N-acetylglucosamine-transferase that catalyzes the formation of core 2 and core 4 O-glycans on mucin-type glycoproteins.

**Alternative Names**

GCNT3; GNTM; C24GNT; C2GNT2; C2GNTM; C2/4GnT; beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3; C2GnT-mucin type; beta1,6-N-acetylglucosaminyltransferase-M; beta1,6GlcNAc-transferase; core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase; hC2GnT-M; mucus-type core 2 beta-1,6-N-acetylglucosaminyltransferase; Glucosaminyl (N-acetyl) transferase 3, mucin type

**Gene ID**

[9245](#)

**UniProt ID**

[O95395](#)