

## Product Datasheet

# Recombinant Human Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase (GCNT1), partial (orb3010059)

<b>Catalog Number</b>	orb3010059
<b>Category</b>	Proteins
<b>Description</b>	This Recombinant Human Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase (GCNT1), partial spans the amino acid sequence from region 33-428. Purity: Greater than 85% as determined by SDS-PAGE.
<b>Form/Appearance</b>	Liquid or Lyophilized powder
<b>Buffer/Preservatives</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 20%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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<b>Protein Sequence</b>	RIHQKPEFVSVRHLELAGENPSSDINCTKVLQGDVNEIQVKLEILTVKFKKRPRWTPDDYIN MTSDCSSFIKRRKYIVEPLSKEEAEPPIAYSIVVHHKIEMLDRLLRAIYMPQNFYCIHVDTKSED SYLAAVMGIASCFSNVFVASRLESVVYASWSRVQADLNCMKDLYAMSANWKYLINLCGMD FPIKTNLEIVRKLKLLMGENNLETERMPSSHKEERWKKRYEVVNGKLTNTGTVMKMLPPLETPLF SGSAYFVVSREYVGYVLQNEKIQLMEWAQDTYSPDEYLWATIQRIVEVPGSLPASHKYDLS DMQAVARFVKWQYFEGDVSKGAPYPPCDGVHVRVVCIFGAGDLNWMLRKHHLFANKFDV DVDLFAIQCLDEHLRHKALETCLKH
<b>Protein Length</b>	396
<b>UniProt ID</b>	<b>Q02742</b>
<b>Expression System</b>	E.coli
<b>Endotoxins</b>	Not test
<b>Biological Origin</b>	Homo sapiens (Human)
<b>Expression Region</b>	33-428
<b>Storage</b>	Storage: The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.

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