

Specifications:

Gene:	hGCNT4
Accession:	NP_057675
Insert size:	1374bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

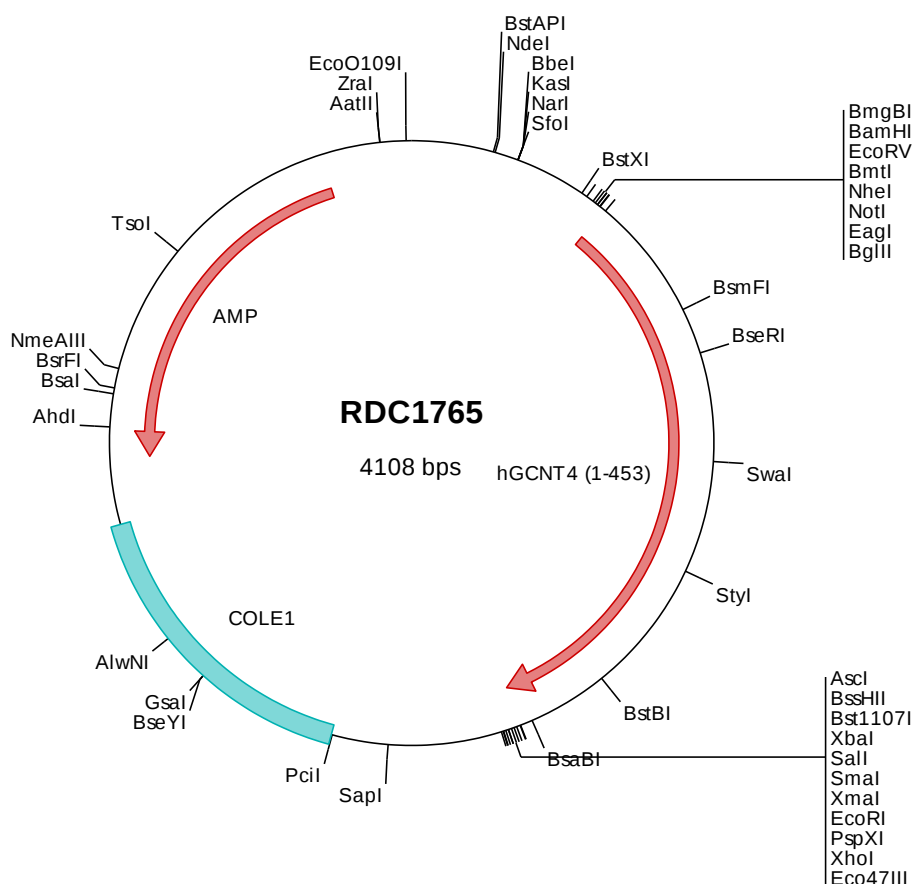
hC2GNT3/GCNT4 cDNA Plasmid

**GCNT4 glucosaminyl (N-acetyl)
transferase 4, core 2 [*Homo sapiens* (human)]**

Also known as: C2GNT3

Summary:

GCNT4 is a glycosyltransferase that mediates core 2 O-glycan branching, an important step in mucin-type biosynthesis. It does not have core 4 O-glycan or I-branching enzyme activity. GCNT4 is predominantly expressed in thymus.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1765 Plasmid DNA Sequence

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1  tcgcgcgcttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccg
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> RDC1765 Translated Insert Sequence

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