

Specifications:

Gene:	cegalt-1
Accession:	NP_504545
Insert size:	1291bp
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

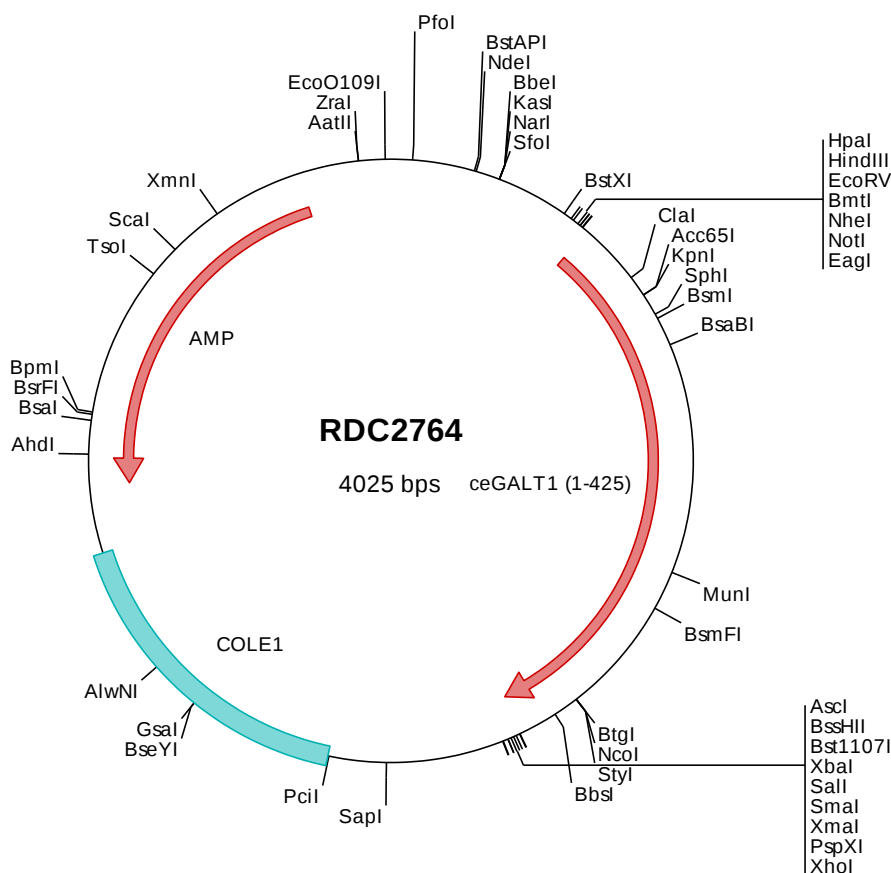
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

ceGALT-1 cDNA Plasmid

**galt-1 Beta-1,4-
galactosyltransferase galt-1**
[*Caenorhabditis elegans*]

Summary:

GALT-1 belongs to the glycosyltransferase 92 family. It catalyzes the transfer of beta-galactose from UDP-galactose to position 4 of alpha-1,6-linked fucose at the reducing end GlcNAc in N-glycan cores. GALT-1 is expressed in intestine and coelomocytes.



> RDC2764 Plasmid DNA Sequence

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1  tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtc cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301 tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta agcccgaggt tttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggtccgata tcgctagcgc ggcgcgcacc atgcctcgaa tcaccgccag taaaatagtt cttctaattg cattatcatt
501 ttgtattact gttatttacc attttccaat agcaacgaga agcagtaagg agtacgatga atatggaaat gaatatgaaa acgttgcacg gatagagtgc
601 gatataaaaa atgtacgtgc attacttgac gaggtaccgg atccctcaca aaacgctcta caattcctga aacttgatga gcattgcttt gcattctcgg
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2001 gaggcggttt gcgtattggg cgtctctccg cttctcgtc cactgactcg ctgcgctcgg tcgttcggct gcgcgagcgc gtatcagctc actcaaaagg
2101 ggtaatacgg ttatccacag atcaggggga taacgcagga aagaactatg gagcaaaaag ccagcaaaa gccaagaaac gtaaaaaagg ccgcttgctg
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4001 aggcgtatca cgaggccctt tcgtc

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> RDC2764 Translated Insert Sequence

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101 lmfitsqdnf sceingrkst dvslyefsen hkmkwgmfil ncklpdgidf nvnssvkvir sttkqfvdvp iryriqdeki itpdeydykm sicvpalfgn
201 gydakrivef ielntlggie kiyiytnqke ldgsmkktlk yysdnhkitl idytlpfred gvwyhgqlat vtdcllrntg itkytffndf deffvpviks
301 rtlfetisgl fedptigsqr talkyinaki ksapyslkni vsekrietr ftkcvvrpemv feqgihtsr viqdynktvs hggslrrvyh ykdtkkycced
401 esllkkrhgd qlrekfdsvv glldl

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