

Specifications:

Gene:	<i>h</i> ST3GAL4
Accession:	NP_006269
Insert size:	1003bp
Concentration:	10µg at 0.2µg/µL

*h*ST3GAL4 cDNA Plasmid

**ST3GAL4 ST3 beta-galactoside
alpha-2,3-sialyltransferase 4
[*Homo sapiens* (human)]**

Also known as: STZ; SAT3; ST-4;
CGS23; SIAT4; NANTA3; SIAT4C;
ST3GalIV; ST3GalA.2; gal-NAc6S

Summary:

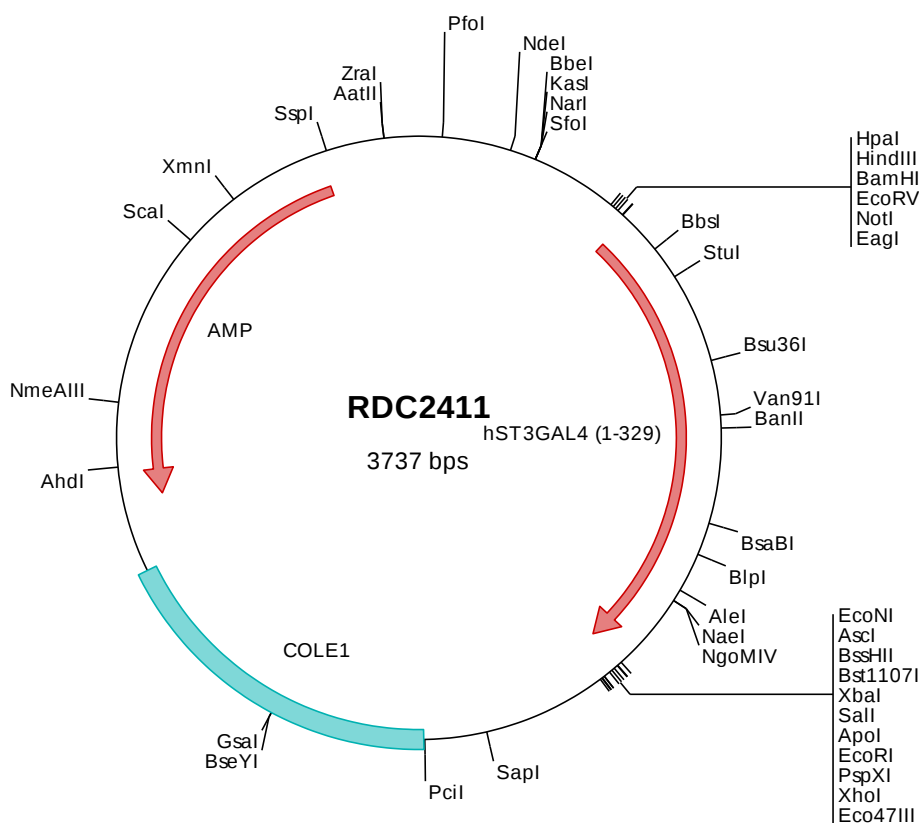
ST3GAL4 is a member of the glycosyltransferase 29 family, a group of enzymes involved in protein glycosylation. It is targeted to Golgi membranes but may be proteolytically processed and secreted. ST3GAL4 may also be involved in the increased expression of sialyl Lewis X antigen seen in inflammatory responses. Alternatively spliced transcripts encoding different proteins have been described.

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.



> RDC2411 Plasmid DNA Sequence

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> RDC2411 Translated Insert Sequence

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