

Specifications:

Gene:	mSTRA6
Accession:	O70491
Insert size:	2025bp
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

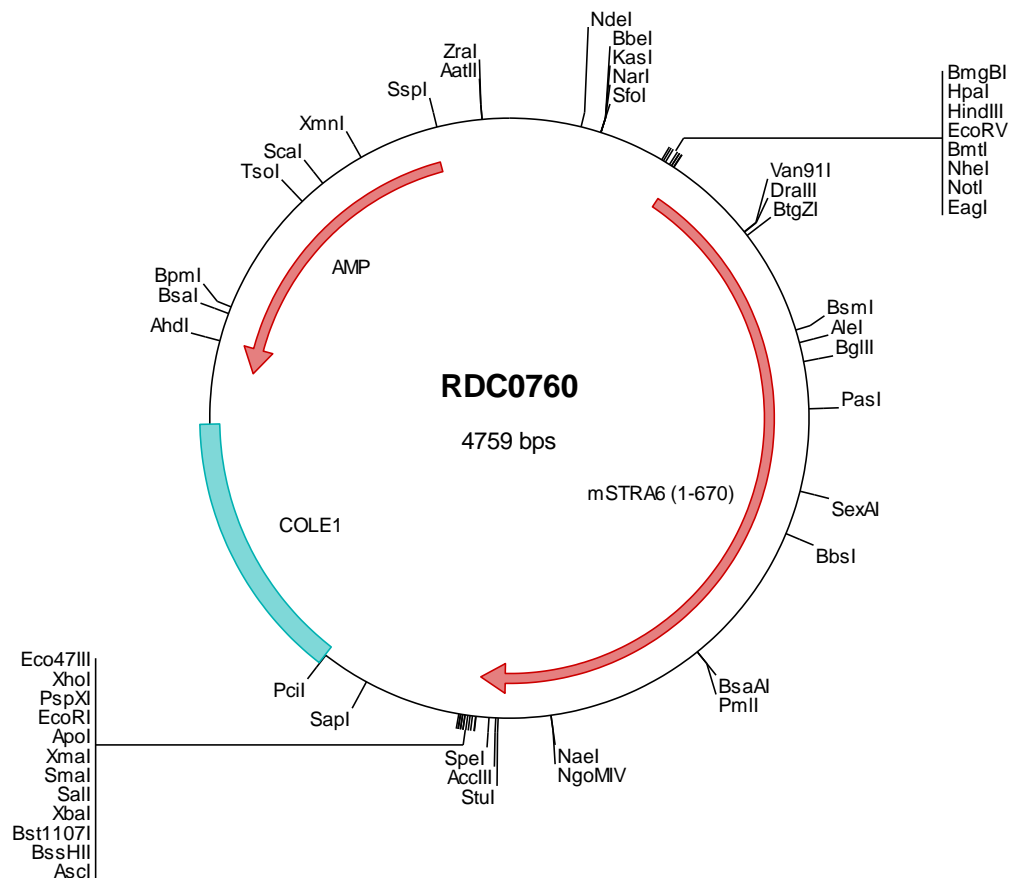
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

mSTRA6 cDNA Plasmid

Stra6 stimulated by retinoic acid gene 6 [*Mus musculus* (house mouse)]

Summary:

STRA6 is a plasma membrane protein that mediates uptake of retinol from extracellular retinol-binding protein (RBP) into cells. It also functions as a cytokine receptor that, upon binding RBP, triggers a JAK/STAT signaling cascade. STRA6 is synergistically up-regulated by WNT1 and retinoids in mammary epithelial cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0760 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgcgcaat caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taagccagct ggcgaaaggg ggaatgtctg caaggcgatt aagtgggta acgccagggt tttccagctc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggaatccgata tcgctagcgc gggccgccacc atggagtccc aggcattctga gaatggaagc cagacctctc ccggggtgac
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> RDC0760 Translated Insert Sequence

1 mesqasengs qtssgvtdy sswyieeplg aeavqpegvi plcqltappa llhaclasl flvllllall vrrrlwprc ghrglglpsp vdfilagdlsw
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401 aldlpplqs ihpsrqaiws wmsfcayqta fsclglvlvq viffllgttsl aflvfvpllh grnllllrsl estwpfwltv alavilqnia anwiflrthh
501 gypeltnrm lcvatfllfp inmlvgaima vwrvlissly ntvhlqgmdl slppqraasl dpyyhtyqnf lrieasqshp gviafcalll hapspprpp
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