*h*Slit1 VersaClone cDNA

Catalog Number: RDC2147

Specifications:

Gene:	*h*SLIT1
Accession:	NP_003052
Insert size:	4618bp
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

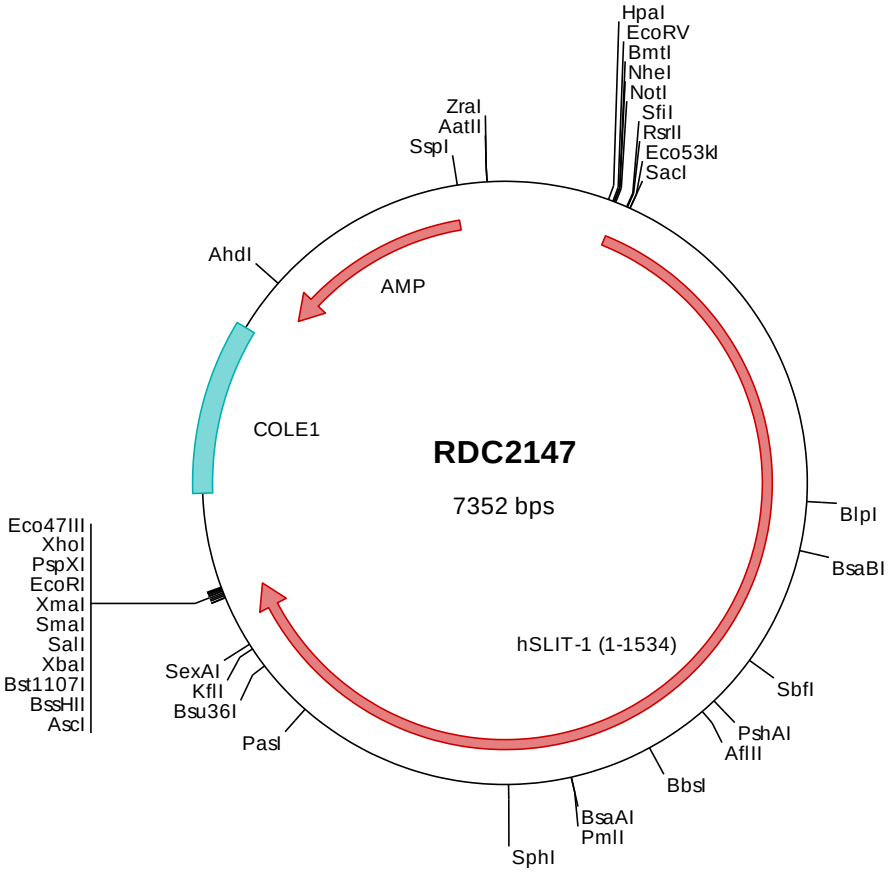
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*Slit1 cDNA Plasmid

SLIT1 slit guidance ligand 1
[*Homo sapiens* (human)]

Also known as: MEGF4; SLIL1; SLIT3; SLIT-1

Summary:
Slit1 is a member of the Slit family of large secreted axon guidance molecules that are ligands for Robo receptors. Slit1 has been found mainly, but not exclusively, in the fetal and adult brain. Slit1 and Slit2 (or in some cases Slit3) are expressed in complementary locations during development of the optic and olfactory tracts and the forebrain, and appear to work together to mediate Robo guidance of retinal, olfactory, hippocampal and motor axons.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC2147 Plasmid DNA Sequence

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 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
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 501  gctctggctg ctgctgtggg cagccgcgtg gcgcctgggt gcctcggcgt gccccgccct ctgcacctgc accggaacca cggtggactg ccacggcacg
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 701  tcaagcagct gcgggtgctg cagctgatgg aaaaccagat tggagcagtg gaacgtggtg cttttgatga catgaaggag ctggagcggc tgcgactgaa
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> RDC2147 Translated Insert Sequence

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