

Specifications:

Gene:	<i>hSORCS3</i>
Accession:	NP_055793.1
Insert size:	3682bp
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.

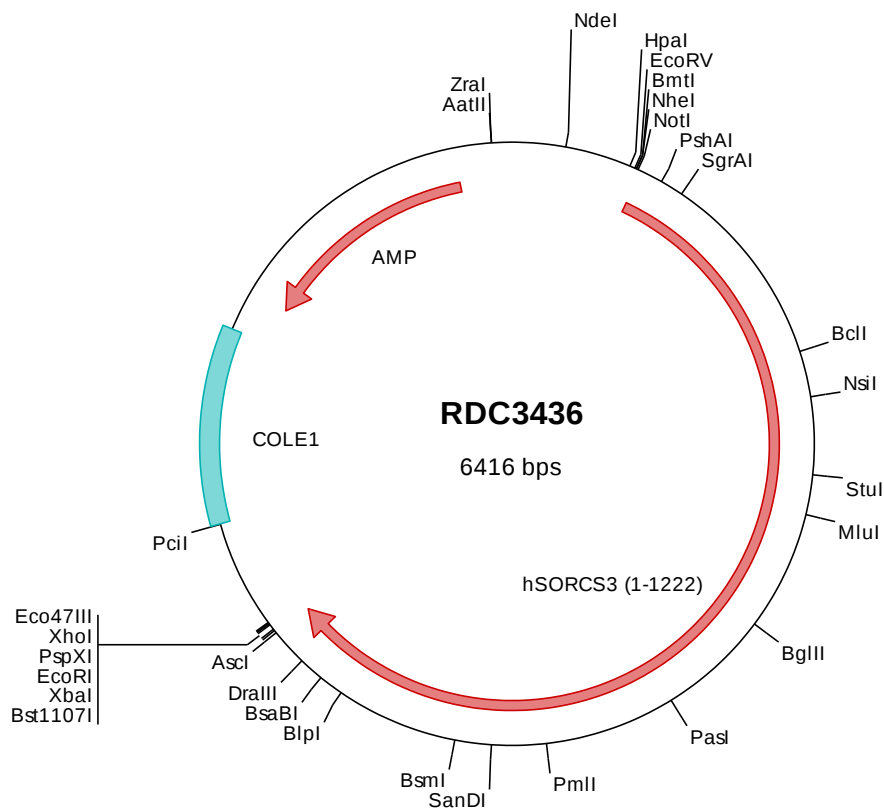
hSorCS3 cDNA Plasmid

**SORCS3 sortilin related VPS10
domain containing receptor 3
[*Homo sapiens* (human)]**

Also known as: SORCS

Summary:

SORCS3 is a type-I receptor transmembrane protein that is a member of the vacuolar protein sorting 10 receptor family. Proteins of this family are defined by a vacuolar protein sorting 10 domain at the N-terminus. The N-terminal segment of this domain has a consensus motif for proprotein convertase processing, and the C-terminal segment of this domain is characterized by ten conserved cysteine residues. SORCS3 is expressed at high levels in the brain, and candidate gene studies suggest that genetic variation in SORCS3 is associated with Alzheimer's disease.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3436 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaacc tctgacacat gcagctcccc gagacgggtc cagcttgtct gtaagcggat gccgggagca gacaagcccc
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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> RDC3436 Translated Insert Sequence

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