

Specifications:

Gene:	hSNAP29
Accession:	NP_004773.1
Insert size:	790bp
Concentration:	10µg at 0.2µg/µL

**hSNAP29 cDNA
Plasmid**

SNAP29 synaptosome associated protein 29 [*Homo sapiens* (human)]

Also known as: CEDNIK; SNAP-29

Summary:

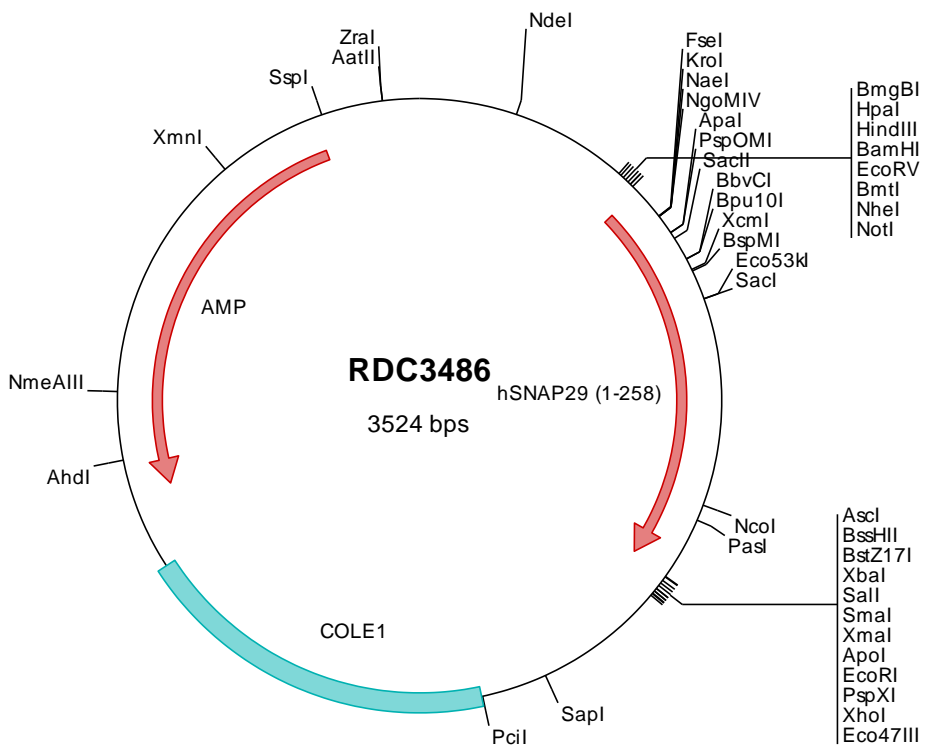
SNAP29, a member of the SNAP25 gene family, is involved in multiple membrane trafficking steps. Two other members of this family, SNAP23 and SNAP25, bind a syntaxin protein and mediate synaptic vesicle membrane docking and fusion to the plasma membrane. SNAP29 binds tightly to multiple syntaxins and is localized to intracellular membrane structures rather than to the plasma membrane. While SNAP29 is mostly membrane-bound, a significant fraction of it is found free in the cytoplasm.

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.



> RDC3486 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaagggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt ttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
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3501 ggcgtatcac gaggcccttt cgtc

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> RDC3486 Translated Insert Sequence

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