

**Specifications:**

Gene:	mSdc4
Accession:	NP_035651
Insert size:	610bp
Concentration:	10µg at 0.2µg/µL

**mSyndecan-4 cDNA  
Plasmid**

**Sdc4 syndecan 4 [ *Mus musculus*  
(house mouse) ]**

**Also known as:** S4; Synd4;  
AA959608; AW108331; ryudocan;  
syndecan-4

**Summary:**

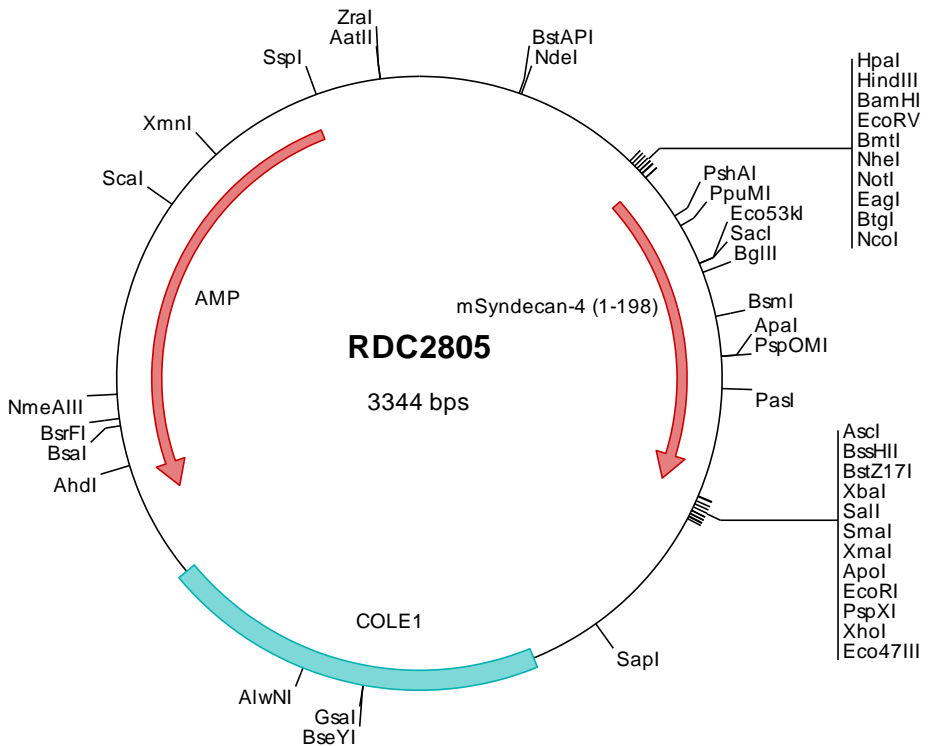
Syndecan-4 is a transmembrane type I heparan sulfate proteoglycan that functions as a receptor in intracellular signaling. It is found as a homodimer and is a member of the syndecan proteoglycan family.

**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.



> RDC2805 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctgcgc aactgttggg aagggcgatc ggtcggggcc tcttcgctat
301 tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atggcgctg cctgcctgt tgccgcctg ctgctgtgc tcctcggagg
501 cttccctctg gtccccggag agtccattcg agagacagag gtcatcgacc cccaggacct cctggaaggc agatacttct ctggagccct ccccgacgac
601 gaagatgtcg gcggtctgga tgactttgag ctctcgggtt ctggagatct ggatgacacg gaggagccca ggcccttccc tgaagtgatt gagcccttgg
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801 ccctccgac gtgggggatg acatgtccaa caaagtatcc atgtccagca ctgcccaggc cagcaacatc tttgagagaa ctgaggtctt ggcagctctg
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2401 cccaagtctc gcaatgatac cgcgagacca acgctcaccg gctccagatt tatcagcaat aaaccagcca cccggaaggg ccgagcgcag aagtggtcct
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3301 gacattaacc tataaaaaa ggcgatcac gaggcccttt cgtc

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> RDC2805 Translated Insert Sequence

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1 mapacllapl lllllggfpl vpgesirete vidpqdlleg ryfsgalpdd edaggsddfe lsgsgdlddt eprpfpevi eplvpldnhi penaqpgirv
101 psepkeleen evipkrapsd vgdmsnkvx msstaqgsni fertevlaal ivgvvvgilf avflillllvy rmkkkdegsv dlgkkipykk aptnefya

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