

## Specifications:

Gene:	hNRCAM
Accession:	NP_001180512
Insert size:	3592bp
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

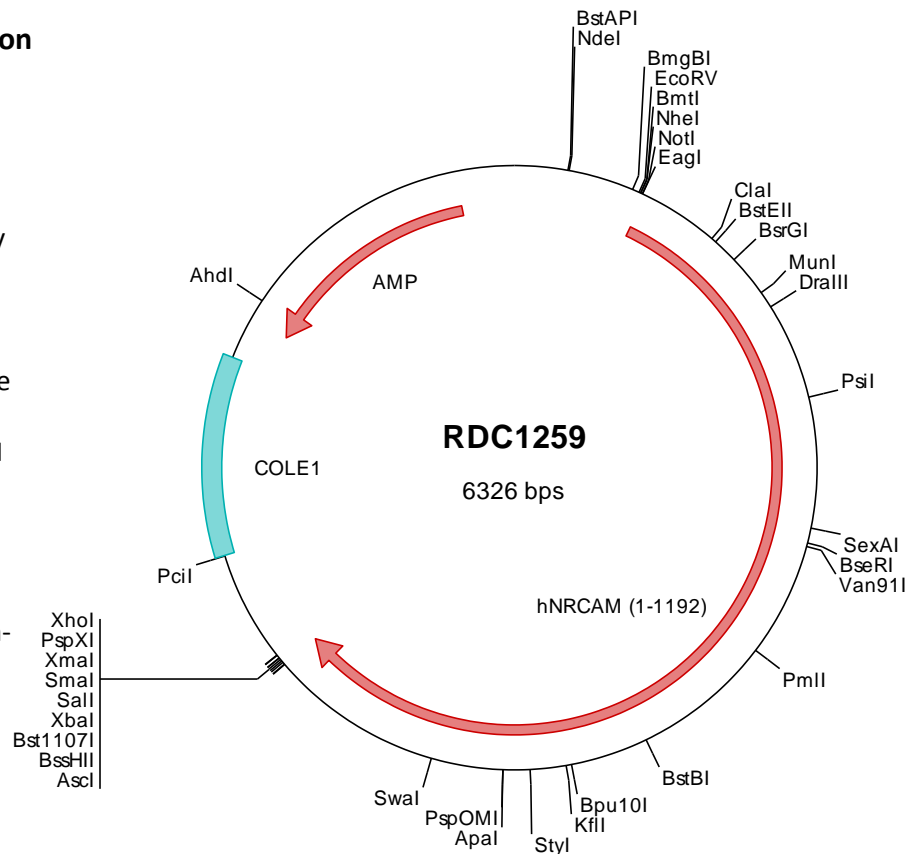
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

## hNrCAM cDNA Plasmid

**NRCAM neuronal cell adhesion molecule [ *Homo sapiens* (human) ]**

### Summary:

NRCAM belongs to the L1 family of cell adhesion molecules (CAMs) and immunoglobulin superfamily. It is a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. It is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. NRCAM is also expressed in non-neural tissues and may play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



### > RDC1259 Plasmid DNA Sequence

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### > RDC1259 Translated Insert Sequence

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