

## Specifications:

|                |                  |
|----------------|------------------|
| Gene:          | <i>h</i> NECTIN4 |
| Accession:     | NP_112178        |
| Insert size:   | 1546bp           |
| Concentration: | 10µg at 0.2µg/µL |

## *h*Nectin-4 cDNA Plasmid

**NECTIN4** nectin cell adhesion molecule 4 [ *Homo sapiens* (human) ]

**Also known as:** LNIR; PRR4; EDSS1; PVRL4; nectin-4

### Summary:

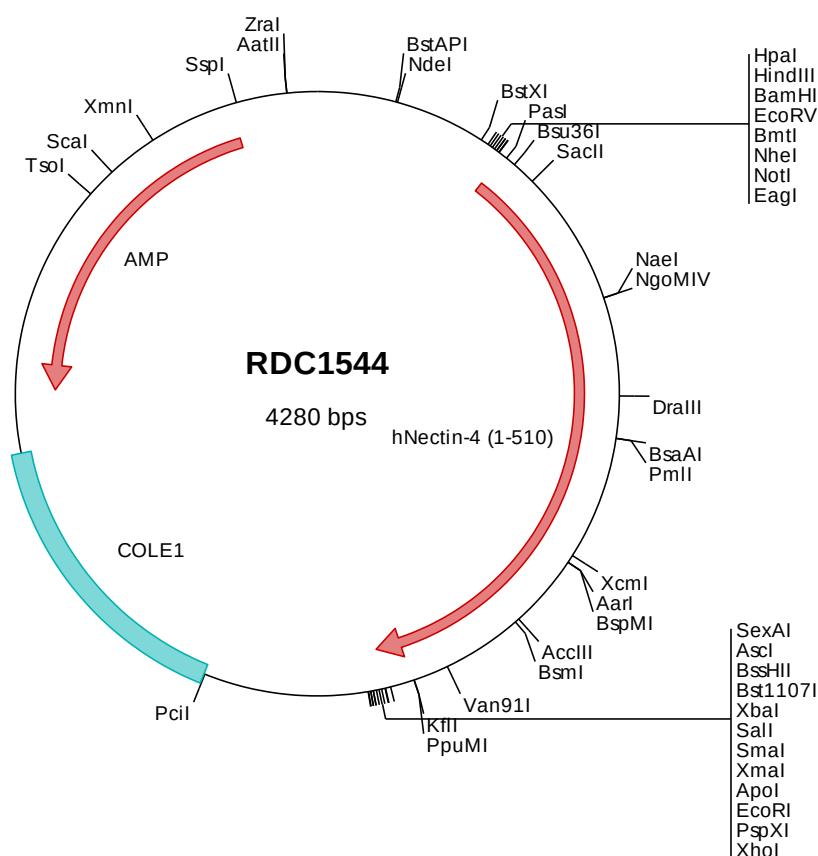
Nectin-4 is a type I transmembrane glycoprotein belonging to the Nectin family of Ig superfamily proteins. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in Nectin-4 are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder.

## 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. |



## > RDC1544 Plasmid DNA Sequence

```

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```

## > RDC1544 Translated Insert Sequence

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```