

Specifications:

| | |
|----------------|------------------|
| Gene: | mCd300c2 |
| Accession: | NP_598919 |
| Insert size: | 700bp |
| Concentration: | 10µg at 0.2µg/µL |

**mCD300c2 cDNA
Plasmid**

Cd300c2 CD300C molecule 2
[*Mus musculus* (house mouse)]

Also known as: CLM4; DlgR1; Igsf7;
Lmir2; Cd300c; Cd300d; MAIR-II

Summary:

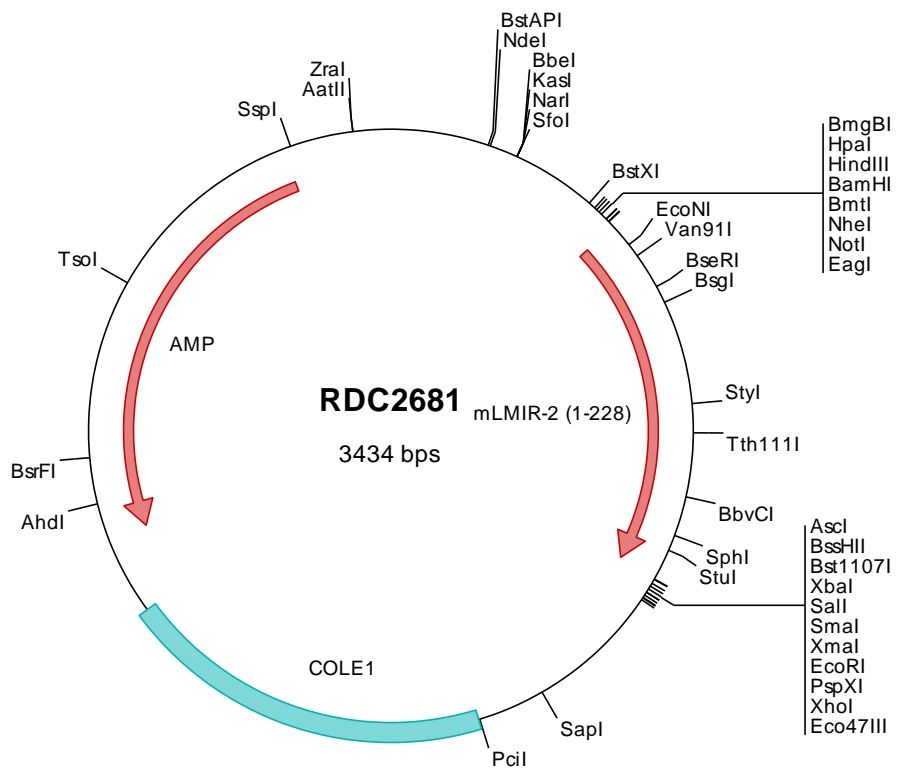
LMIR2 is a type I transmembrane glycoprotein that belongs to the immunoregulatory signaling (IRS) family of molecules within the immunoglobulin (Ig) superfamily. LMIR2 is present on the surface of natural killer cells, granulocytes, most myeloid cells, dendritic cells, and a subpopulation of T and B lymphocytes. Mouse LMIR2 has the characteristics of an activatory molecule capable of inducing cellular activation and effector function in most cells and macrophages.

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. |



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2681 Plasmid DNA Sequence

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> RDC2681 Translated Insert Sequence

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201  smlgavlwvn  rprcrgsgss  srpcyen

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