

Specifications:

Gene:	mTnfsf11
Accession:	NP_035743
Insert size:	964bp
Concentration:	10µg at 0.2µg/µL

**mTRANCE/RANKL
cDNA Plasmid**

**Tnfsf11 tumor necrosis factor
(ligand) superfamily, member 11
[*Mus musculus* (house mouse)]**

Also known as: ODF; OPG; OPGL;
RANKL; Ly109l; Trance

Summary:

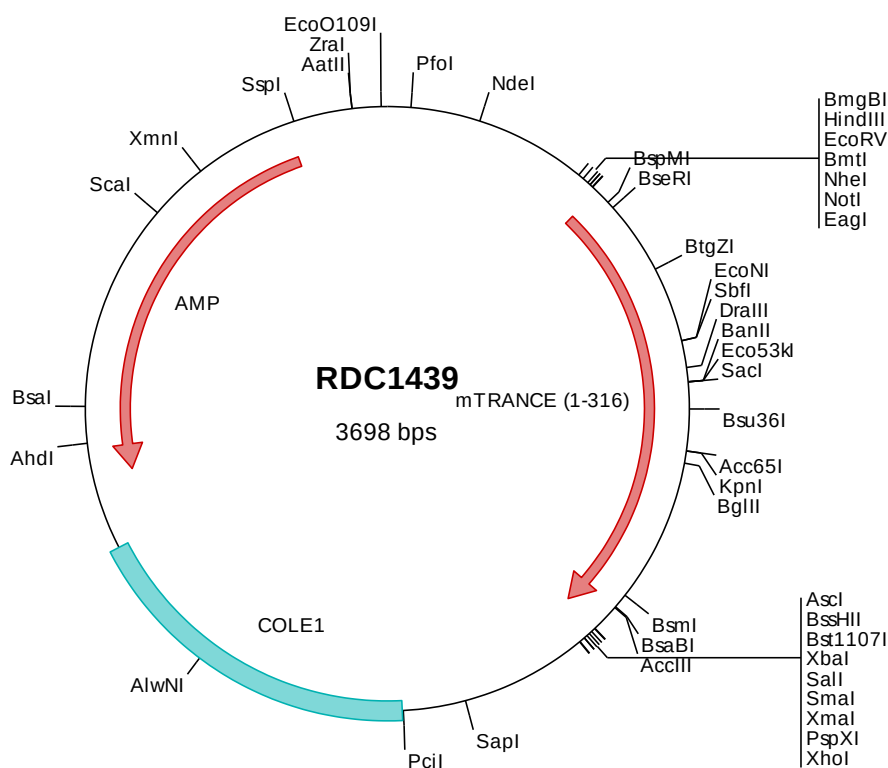
TRANCE is a member of the tumor necrosis factor (TNF) cytokine family. TRANCE is primarily expressed in T cells and T cell rich organs, such as thymus and lymph nodes. The multi-functions of TRANCE include induction of activation of the c-jun N-terminal kinase, enhancement of T cell growth and dendritic cell function, induction of osteoclastogenesis, and lymph node organogenesis. Alternatively spliced transcripts encoding different proteins have been described.

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.



> RDC1439 Plasmid DNA Sequence

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> RDC1439 Translated Insert Sequence

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