

Specifications:

| | |
|----------------|------------------|
| Gene: | mTnfrsf1b |
| Accession: | NP_035740 |
| Insert size: | 1438bp |
| 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. |

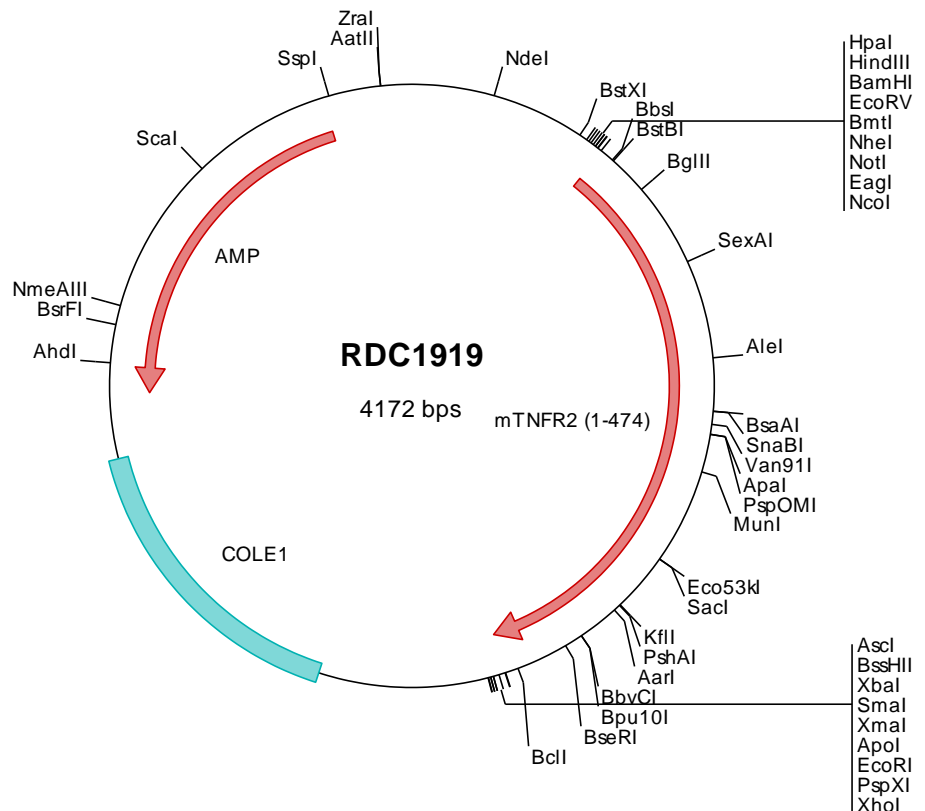
**mTNF RII/TNFRSF1B
cDNA Plasmid**

Tnfrsf1b tumor necrosis factor receptor superfamily, member 1b [*Mus musculus* (house mouse)]

Also known as: p75; TNFBR; Tnfr2; CD120b; TNF-R2; TNFR80; TNFR1I; Tnfr-1; TNF-R75; TNF-R-II; TNF-alphaR2; TNFalpha-R2

Summary:

TNFR2 is a member of the TNF receptor superfamily. TNFR2 and TNFR1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signaling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. TNFR2 mediates brain uptake of tumor necrosis factor (TNF)-alpha from the circulation.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1919 Plasmid DNA Sequence

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> RDC1919 Translated Insert Sequence

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