*m*TREM-1 VersaClone cDNA

Catalog Number: RDC0853

Specifications:

Gene:	*m*TREM1
Accession:	NP_067381
Insert size:	706bp
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

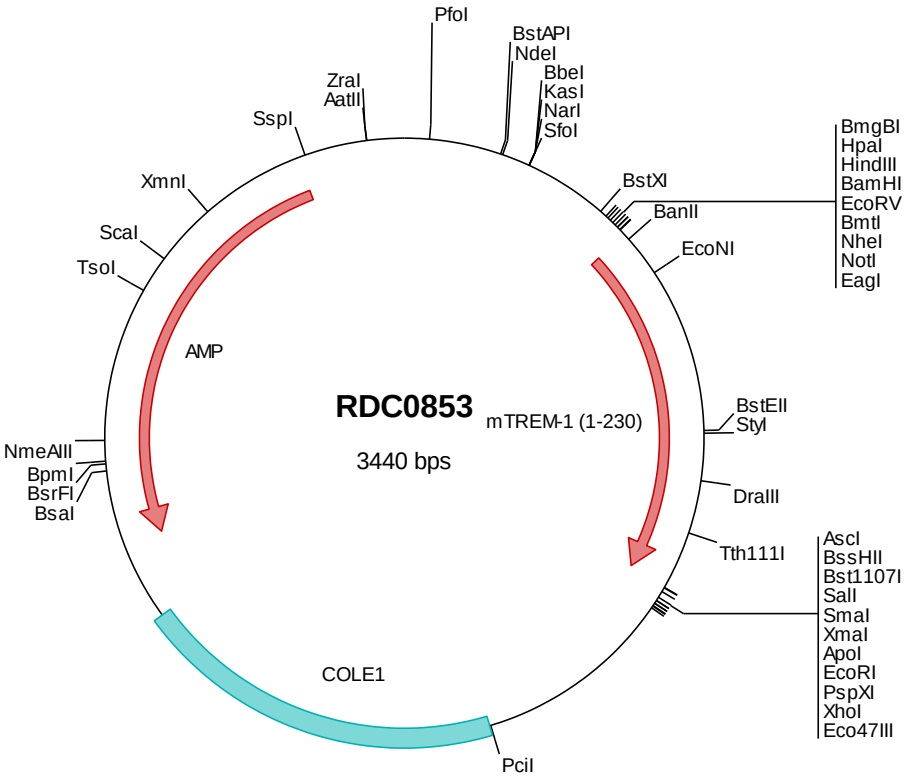
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*TREM-1 cDNA Plasmid

Trem1 triggering receptor expressed on myeloid cells 1 [*Mus musculus* (house mouse)]

Summary:

TREM-1 is a receptor expressed on neutrophils and macrophages that is a determinant of Kupffer cell activation in liver carcinogenesis. Blocking TREM-1 signaling improves the survival of mice with sepsis. TREM-1 could be a potential therapeutic target for bacterial sepsis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0853 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaggaagg ctgggctctg gggactgctg tgcgtgttct ttgtctcaga
 501  agtcaaagct gccattgttc tagaggaaga aaggtatgac ctagtggagg gccagacttt gacagtgaag tgtcccttca acatcatgaa gtatgccaac
 601  agccagaagg cttggcagag actaccagac gggaaggaac ccttgaccct ggtggtcaca cagaggccct ttacaagacc cagtgaagtc cacatgggga
 701  agttcaccct gaaacatgac cctagtgagg ccatgctaca agttcaaatg actgaccttc aagtgacaga ctctggattg tatcgttgtg tgatttacca
 801  tcctccgaat gaccctgttg tgctcttcca tcctgtccgc ctggtggtga ccaagggttc ttcagatgtg ttcactcctg tcatcattcc tattacaagg
 901  ctgacagagc gtcccatcct tattaccaca aaatactcac ccagtgacac aactacaacc cgatccctac ccaagcccac tgcggttgtt tcctctcctg
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1201  tagcttggcg taatcatggt catagctgtt tcctgtgtga aattgttatc cgctcacaat tccacacaac atacgagccg gaagcataaa gtgtaaagcc
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1401  gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg actcgctgcg ctcggtcgtt cggctgcggc gagcggtatc
1501  agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa catgtgagca aaaggccagc aaaaggccag gaaccgtaaa
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1701  aaagatacca ggcgtttccc cctggaagct ccctcgtgcg ctctcctgtt ccgaccctgc cgcttaccgg atacctgtcc gcctttctcc cttcgggaag
1801  cgtggcgctt tctcaatgct cacgctgtag gtatctcagt tcggtgtagg tcgttcgctc caagctgggc tgtgtgcacg aacccccccgt tcagcccgac
1901  cgctgcgcct tatccggtaa ctatcgtctt gagtccaacc cggtaagaca cgacttatcg ccactggcag cagccactgg taacaggatt agcagagcga
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2401  ggcacctatc tcagcgatct gtctatttcg ttcatccata gttgcctgac tccccgtcgt gtagataact acgatacggg agggcttacc atctggcccc
2501  agtgctgcaa tgataccgcg agacccacgc tcaccggctc cagatttatc agcaataaac cagccagccg gaagggccga gcgcagaagt ggtcctgcaa
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2801  gttagctcct tcggtcctcc gatcgttgtc agaagtaagt tggccgcagt gttatcactc atggttatgg cagcactgca taattctctt actgtcatgc
2901  catccgtaag atgcttttct gtgactggtg agtactcaac caagtcattc tgagaatagt gtatgcggcg accgagttgc tcttgcccgg cgtcaatacg
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3301  catatttgaa tgtatttaga aaaataaaca aatagggttc ccgcgcacat ttccccgaaa agtgccacct gacgtctaag aaaccattat tatcatgaca
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> RDC0853 Translated Insert Sequence

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201  ssvtisvicg llskslvfii lfivtkrtfg
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