*h*TREM-1 VersaClone cDNA

Catalog Number: RDC0837

Specifications:

Gene:	*h*TREM1
Accession:	NP_061113
Insert size:	718bp
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

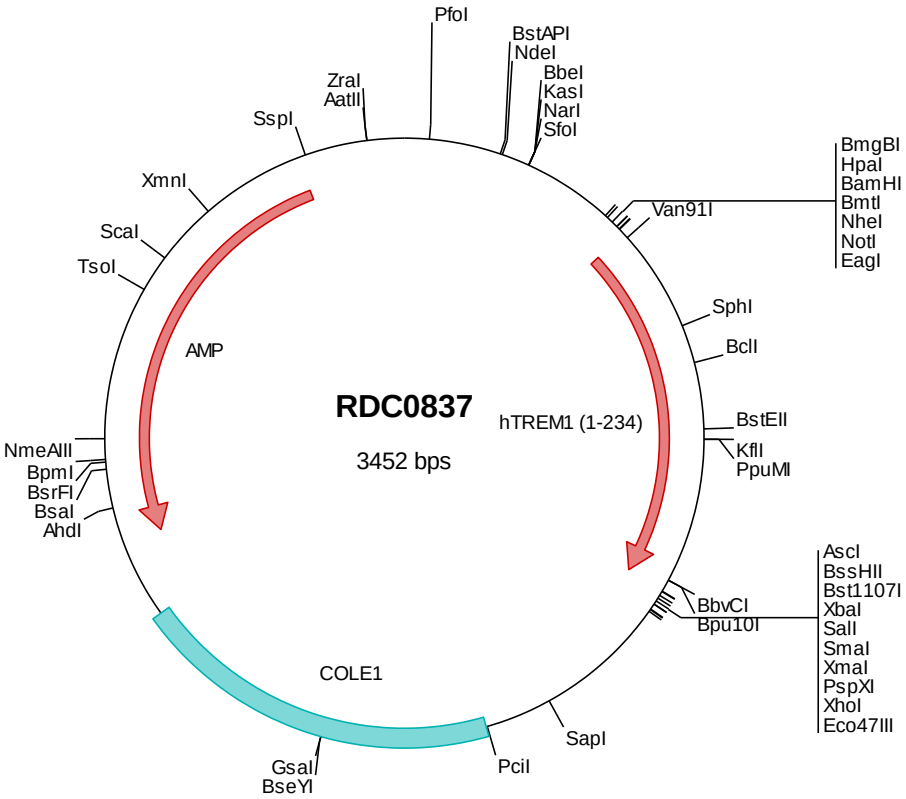
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*TREM-1 cDNA Plasmid

TREM1 triggering receptor expressed on myeloid cells 1 [*Homo sapiens* (human)]

Also known as: CD354; TREM-1

TREM1 is an Ig superfamily receptor that is expressed on myeloid cells. It stimulates the release of pro-inflammatory chemokines and cytokines and increases the expression of cell activation markers. Neutrophil and monocyte-mediated inflammatory responses, triggered by bacterial and fungal infections, are amplified by TREM1.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0837 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 atgaggaaga ccaggctctg ggggctgctg tggatgctct ttgtctcaga
 501  actccgagct gcaactaaat taactgagga aaagtatgaa ctgaaagagg ggcagaccct ggatgtgaaa tgtgactaca cgctagagaa gtttgccagc
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 701  ggatcatact agaagactac catgatcatg gtttactgcg cgtccgaatg gtcaaccttc aagtggaaga ttctggactg tatcagtgtg tgatctacca
 801  gcctcccaag gagcctcaca tgctgttcga tcgcatccgc ttggtggtga ccaagggttt ttcagggacc cctggctcca atgagaattc tacccagaat
 901  gtgtataaga ttcctcctac caccactaag gccttgtgcc cactctatac cagccccaga actgtgaccc aagctccacc caagtcaact gccgatgtct
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1101  gagcctggtc ttctctgtcc tgtttgctgt cacgctgagg tcatttgtac cctaaaggcg cgccagtata ctctagagtc gacacccggg gaattcctcg
1201  agcgctcgtc tctagcttgg cgtaatcatg gtcatagctg tttcctgtgt gaaattgtta tccgctcaca attccacaca acatacgagc cggaagcata
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1401  attaatgaat cggccaacgc gcggggagag gcggtttgcg tattgggcgc tcttccgctt cctcgctcac tgactcgctg cgctcggtcg ttcggctgcg
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1601  aggaaccgta aaaaggccgc gttgctggcg tttttccata ggctccgccc ccctgacgag catcacaaaa atcgacgctc aagtcagagg tggcgaaacc
1701  cgacaggact ataaagatac caggcgtttc cccctggaag ctccctcgtg cgctctcctg ttccgaccct gccgcttacc ggatacctgt ccgcctttct
1801  cccttcggga agcgtggcgc tttctcaatg ctcacgctgt aggtatctca gttcggtgta ggtcgttcgc tccaagctgg gctgtgtgca cgaaccccc
1901  gttcagcccg accgctgcgc cttatccggt aactatcgtc ttgagtccaa cccggtaaga cacgacttat cgccactggc agcagccact ggtaacagga
2001  ttagcagagc gaggtatgta ggcggtgcta cagagttctt gaagtggtgg cctaactacg gctacactag aaggacagta tttggtatct gcgctctgct
2101  gaagccagtt accttcggaa aaagagttgg tagctcttga tccggcaaac aaaccaccgc tggtagcggt ggtttttttg tttgcaagca gcagattacg
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2301  tatcaaaaag gatcttcacc tagatccttt taaattaaaa atgaagtttt aaatcaatct aaagtatata tgagtaaact tggtctgaca gttaccaatg
2401  cttaatcagt gaggcaccta tctcagcgat ctgtctattt cgttcatcca tagttgcctg actccccgtc gtgtagataa ctacgatacg ggagggctta
2501  ccatctggcc ccagtgctgc aatgataccg cgagacccac gctcaccggc tccagattta tcagcaataa accagccagc cggaagggcc gagcgcagaa
2601  gtggtcctgc aactttatcc gcctccatcc agtctattaa ttgttgccgg gaagctagag taagtagttc gccagttaat agtttgcgca acgttgttgc
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2801  tgcaaaaaag cggttagctc cttcggtcct ccgatcgttg tcagaagtaa gttggccgca gtgttatcac tcatggttat ggcagcactg cataattctc
2901  ttactgtcat gccatccgta agatgctttt ctgtgactgg tgagtactca accaagtcat tctgagaata gtgtatgcgg cgaccgagtt gctcttgccc
3001  ggcgtcaata cgggataata ccgcgccaca tagcagaact ttaaaagtgc tcatcattgg aaaacgttct tcggggcgaa aactctcaag gatcttaccg
3101  ctgttgagat ccagttcgat gtaacccact cgtgcaccca actgatcttc agcatctttt actttcacca gcgtttctgg gtgagcaaaa acaggaaggc
3201  aaaatgccgc aaaaaaggga ataagggcga cacggaaatg ttgaatactc atactcttcc tttttcaata ttattgaagc atttatcagg gttattgtct
3301  catgagcgga tacatatttg aatgtattta gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgccac ctgacgtcta agaaaccatt
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> RDC0837 Translated Insert Sequence

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101  vnlqvedsgl yqcviyqppk ephmlfdrir lvvtkgfsgt pgsnenstqn vykippttttk alcplytspr tvtqappkst advstpdsei nltnvtdiir
201  vpvfnivill aggflskslv fsvlfavtlr sfvp
```