

Specifications:

Gene:	hTNFRSF1A
Accession:	NP_001056
Insert size:	1381bp
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.

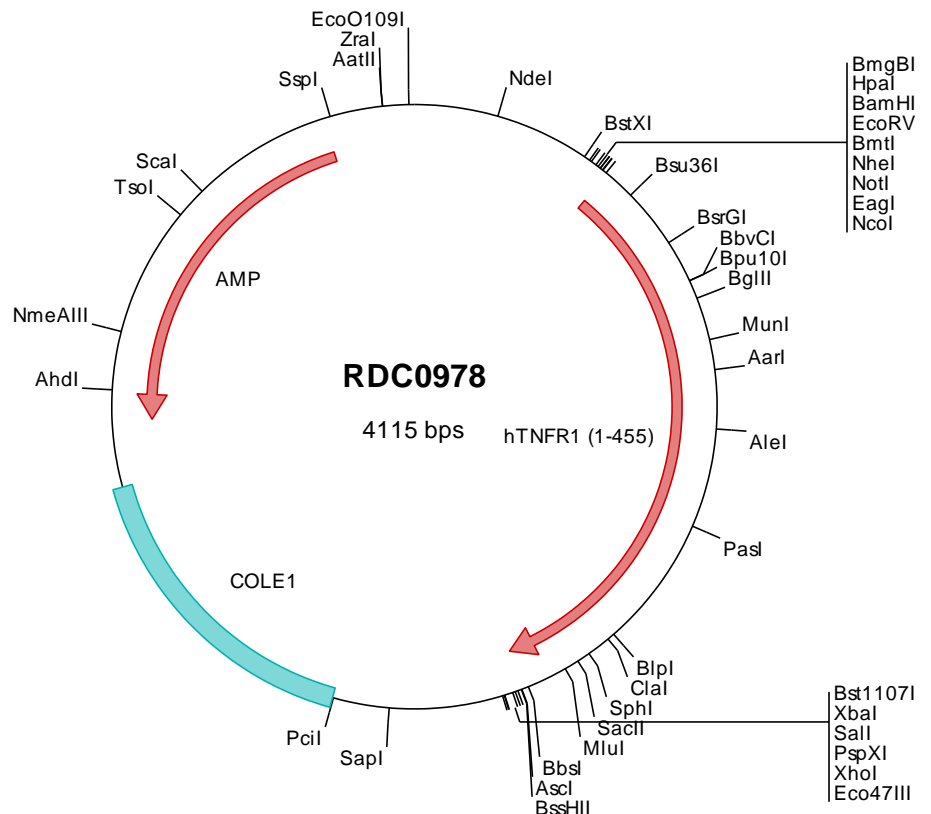
hTNF R1/TNFRSF1A cDNA Plasmid

TNFRSF1A tumor necrosis factor receptor superfamily, member 1A [*Homo sapiens* (human)]

Also known as: FPF; MS5; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; TNFR1-d2

Summary:

TNFR1 is a member of the TNF receptor superfamily. This protein is one of the major receptors for the tumor necrosis factor-alpha. It can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with TNFR1, and thus play regulatory roles in the signal transduction mediated by the receptor. TNFR1 may play a role in TNF-alpha mediated inflammatory response to spinal cord injury.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0978 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgggtctct ccaccgtgco tgacctgctg ctgcocgtgg tgcctctgga
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601 caacctcaaa ataattgat ttgotgtacc aagtgccaca aaggaaacta cttgtacaat gactgtccag gcccggggca ggaacggac tgcaggagt
701 gtgagagcgg ctccttacc gcttcagaaa accacctcag acaactgcctc agctgtctca aatgcgaaa ggaaatgggt caggtggaga tctctctctg
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> RDC0978 Translated Insert Sequence

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201 nvkgtedsgr tvlllplviff glcllllfi glmyrqrwk sklvisvcgk stpekegele gtttklplpn pfsptpgft ptlglfspvps stftsstyt
301 pgdcpnfaap rrevappyyg adpilatala sdpipnplqk wedsahkpgs ldtddpatly avvenvplr wkfefvrrlgl sdheidrlcl qngrcslea
401 ysmlatwrrr tprreatlel lgrvlrdmld lgcledieea lcgpaalppa psllr