*m*Fas/TNFRSF6/CD95 VersaClone cDNA

Catalog Number: RDC2661

Specifications:

Gene:	*m*Fas
Accession:	NP_032013
Insert size:	997bp
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

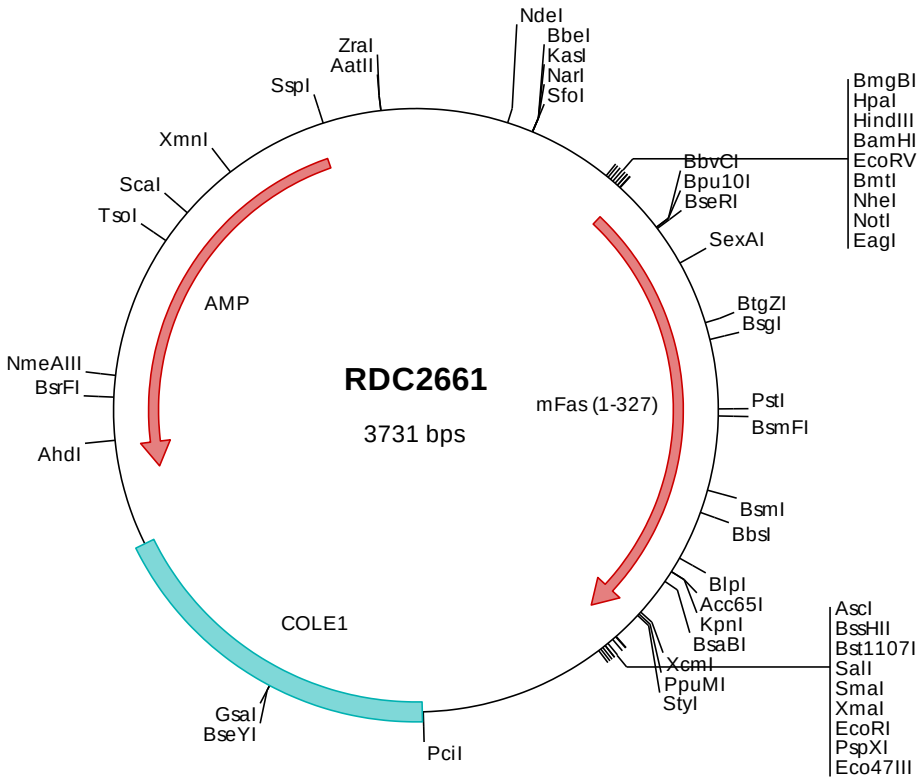
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*Fas/TNFRSF6/CD95 cDNA Plasmid

Fas Fas (TNF receptor superfamily member 6) [*Mus musculus* (house mouse)]

Also known as: lpr; APO1; APT1; CD95; TNFR6; Tnfrsf6; AI196731

Summary:
FAS belongs to the death receptor subfamily of the TNF receptor superfamily. It has been shown to play a central role in the physiological regulation of programmed cell death and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of FAS with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade and leads to apoptosis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC2661 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 atgctttgga tctgggctgt cctgcctctg gtgcttgctg gctcacagtt
 501  aagagttcat actcaaggta ctaatagcat ctccgagagt ttaaagctga ggaggcgggt tcgtgaaact gataaaaact gctcagaagg attatatcaa
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 701  ggaaggagta catggacaag aaccattatg ctgataaatg cagaagatgc acactctgcg atgaagagca tggtttagaa gtggaaacaa actgcaccct
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1701  cggggagagg cggtttgcgt attgggcgct cttccgcttc ctcgctcact gactcgctgc gctcggtcgt tcggctgcgg cgagcggtat cagctcactc
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1901  ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa tcgacgctca agtcagaggt ggcgaaaccc gacaggacta taaagatacc
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2901  cctccatcca gtctattaat tgttgccggg aagctagagt aagtagttcg ccagttaata gtttgcgcaa cgttgttgcc attgctacag gcatcgtggt
3001  gtcacgctcg tcgtttggta tggcttcatt cagctccggt tcccaacgat caaggcgagt tacatgatcc cccatgttgt gcaaaaaagc ggttagctcc
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> RDC2661 Translated Insert Sequence

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 301  kfqdmvqkdl gkstpdtgne neggcle
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