

Specifications:

Gene:	hFAS
Accession:	NP_000034
Insert size:	1021bp
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.

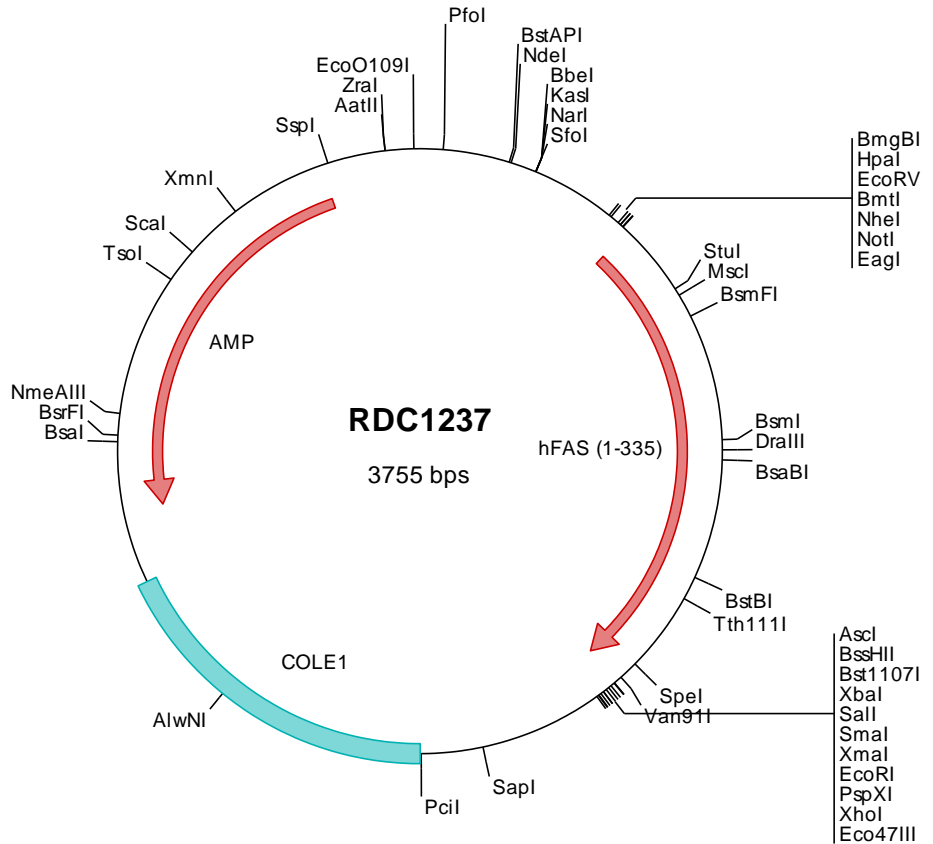
hFas/TNFRSF6/CD95 cDNA Plasmid

FAS Fas cell surface death receptor [*Homo sapiens* (human)]

Also known as: APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6

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. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1237 Plasmid DNA Sequence

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1   tcgcgcggtt  cggatgatgac  ggtgaaaacc  tetgacacat  gcaagctccc  gagacggtea  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC1237 Translated Insert Sequence

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