

Product datasheet for RC219731

FAIM1 (FAIM) (NM_018147) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAIM1 (FAIM) (NM_018147) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAIM1
Synonyms:	FAIM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC219731 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTCCACAAGATCGAATTTGAACATG
 GGACTACATCAGGCAAACGAGTAGTATGTAGATGGAAGGAAGAGATAAGAAAAGAGTGGATGTTCAA
 ATTAGTGGGCAAAGAAACATTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATC
 AGTGGTTTTGCTTATGAATATACTCTGGAATTAATGGGAAAAGTCTCAAGAAGTATATGGAGGACAGAT
 CAAAAACCACCAATACTTGGGTATTACACATGGATGGTGAGAACTTTAGAATTGTTTTGGAAAAAGATGC
 TATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAGCGGGTGAGTTTGTAGATGATGGGACTGAACT
 CACTTCAGTATCGGGAACCATGACTGTTACATAAAGGCTGTCAAGTGGGAAGCGGAAAGAAGGGATTA
 TTCATACTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219731 protein sequence Red=Cloning site Green=Tags(s)
-------------------	--

MTDLVAVWDVALSDGVHKIEFEHGTTSKRVVYVDGKEEIRKEWMFKLVGKETFYVGAATKATINIDAI
 SGFAYEYTLINGKSLKKYMEDRSKTTNTWVLHMDGENFRIVLEKDAMDVWNCNGKLETAGEFVDDGTET
 HFSIGNHDCYIKAVSSGKRKEGIIHTLIVDNREIPEIAS

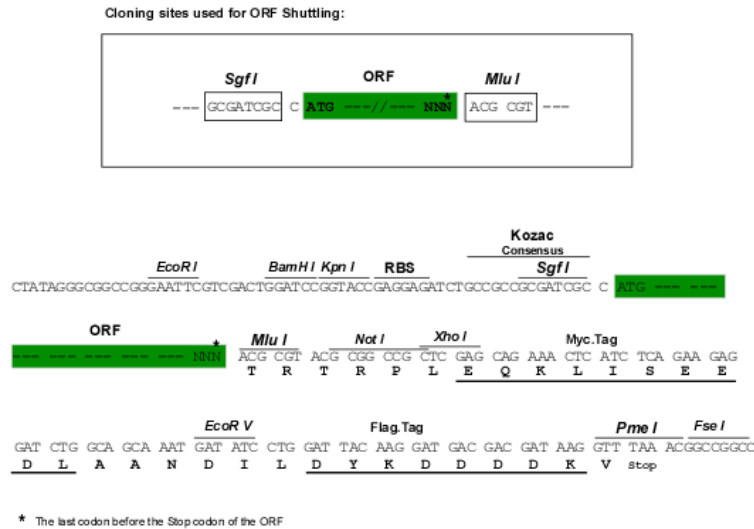
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:	https://cdn.origene.com/chromatograms/mk6325_b08.zip
----------------	---


[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018147

ORF Size: 537 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

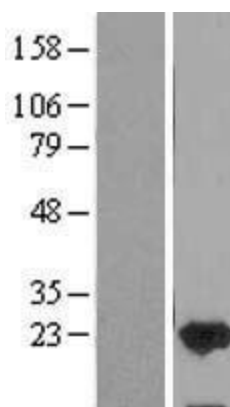
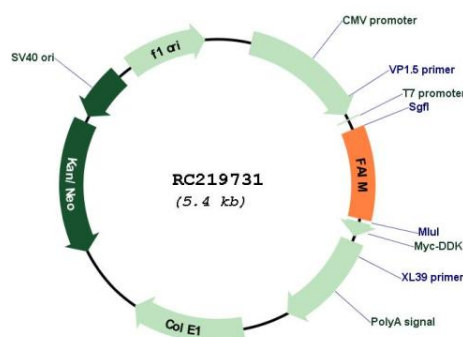
RefSeq: [NM_018147.4](#)

RefSeq Size: 936 bp

RefSeq ORF: 540 bp

Locus ID:	55179
UniProt ID:	Q9NVQ4
Cytogenetics:	3q22.3
MW:	20.2 kDa
Gene Summary:	The protein encoded by this gene protects against death receptor-triggered apoptosis and regulates B-cell signaling and differentiation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]

Product images:



Western blot validation of overexpression lysate (Cat# [LY413277]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC219731 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).