

Product datasheet for **SC113707**

FAIM1 (FAIM) (NM_018147) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAIM1 (FAIM) (NM_018147) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAIM
Synonyms:	FAIM1
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018147, the custom clone sequence may differ by one or more nucleotides

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ATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTCCACAAGATCGAATTTGAACATG
GGACTACATCAGGCAAACGAGTAGTATATGTAGATGGAAAGGAAGAGATAAGAAAAGAGTGGATGTTCAA
ATTAGTGGCAAAGAAACATTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATC
AGTGGTTTTGCTTATGAATATACTCTGGAATTAATGGGAAAAGTCTCAAGAAGTATATGGAGGACAGAT
CAAAAACCACCAATACTTGGGTATTACACATGGATGGTGAGAAGTTAGAAATGTTTTGGAAAAAGATGC
TATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAGCGGGTGAGTTTGTAGATGATGGGACTGAAACT
CACTTCAGTATCGGGAACCATGACTGTTACATAAAGGCTGTCAAGTGTGGGAAGCGGAAAGAAGGGATTA
TTCATACTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018147 unedited ATTACCCCGCCGTTGNCGCAATGGGCGGTAGGCGGTACGGTGGGAGGTCTATATAAGC AGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCG AATTCGGCACGAGGGGACGCACTGCGGGACATGGTGATGTCCTGGNGTTGGGCTGAGGAA GGCCTATGCGCGGAGGGTGCGGCCTTCGGCTAAGGCAGAGGACCAGGGTTGGTCCGTGG CGGCGGGAGGGGTGACCTCCTGCGCTGGTCGCCCCAGGGACCTGAGAGGGCGGACAAACA GTCGGCGCGTTTTGGTACTCGCGCCTGCAGAGCTTCAACCTCCGCGCCGGCTGCGCCTGT TTCTCGGCCAGGGGAGCAAGGGCCACGCGCCTACGCAGCCGAGTCGGAACCAACCGNT GTTTGGTGAAACCTACCCAGAGCCTCCCGCGGCCACAGAGCACAGCCCTCCTTACAGC CTAGAAAAATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTCCACA AGATCGAATTTGAACATGGGACTACATCANGCAAACGAGTAGTATATGTAGATGGAAAGG AAGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGGCAAAGAAACATTCTATGTTGGAG CTGCAAAGACANAAGCGACCATAAATATAGACGCTATCAGTGGTTTTGCTATGAATATA CTCTGGCAAATTATGGGAAAAGTCTCACGAGTATATGGAGGACAGATCAAAAACCCCAAT ACTTGGGTATTACCCATGGATGGTGAGAACTTTAGAAATGTTTTGAACAAGAGCTATGGA CGTATGGTGCATGGTAACAATTGAGACGCGGTGAGTTTGTAAATGATGGACTGAAGTACT CCATATTGGGACCATGATGTACATAAGCTGTACAGAGG
Restriction Sites:	NotI-NotI
ACCN:	NM_018147
Insert Size:	1350 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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.
RefSeq:	NM_018147.2 , NP_060617.1
RefSeq Size:	940 bp
RefSeq ORF:	540 bp
Locus ID:	55179
UniProt ID:	Q9NVQ4
Cytogenetics:	3q22.3

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]

Transcript Variant: This variant (4) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (c) is shorter at the N-terminus compared to isoform a. Variants 3 and 4 both encode the same isoform (c).