

Product datasheet for **SC302679**

FAIM1 (FAIM) (NM_001033031) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAIM1 (FAIM) (NM_001033031) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAIM1
Synonyms:	FAIM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302679 representing NM_001033031. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCATCTGGAGATGACAGTCTATCTTTGAAGATGATGAAAGCCCTCCTTACAGCCTAGAAAAATG
 ACAGATCTCGTAGCTGTTGGGATGTTGCTTTAAGTGACGGAGTCCACAAGATCGAATTTGAACATGGG
 ACTACATCAGGCAAACGAGTAGTATATGTAGATGGAAAGGAAGAGATAAGAAAAGAGTGGATGTTCAAA
 TTAGTGGGCAAAGAAACATTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATC
 AGTGGTTTTGCTTATGAATATACTCTGGAATTAATGGGAAAAGTCTCAAGAAGTATATGGAGGACAGA
 TCAAAAACCACTACTTGGGTATTACACATGGATGGTGAGAACTTTAGAATTGTTTGGAAAAAGAT
 GCTATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAGCGGGTGAGTTTGTAGATGATGGGACTGAA
 ACTCACTTCAGTATCGGGAACCATGACTGTTACATAAAGGCTGTCAAGTAGTGGGAAGCGGAAAGAAGGG
 ATTATTCATACTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001033031
Insert Size:	606 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).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_001033031.1</u>
RefSeq Size:	1164 bp
RefSeq ORF:	606 bp
Locus ID:	55179
UniProt ID:	<u>Q9NVQ4</u>
Cytogenetics:	3q22.3
MW:	22.6 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] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (b) has a shorter and distinct N-terminus compared to isoform a.