

Product datasheet for **RG219633**

FAIM1 (FAIM) (NM_001033030) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAIM1 (FAIM) (NM_001033030) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAIM
Synonyms:	FAIM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219633 representing NM_001033030 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCTTCCCTTTATAAGGACACTCCCACTGTTGTGCTATAATCATCTCTTGGTATCTCCGGACTCTG
CCACTCTGAGCCCTCCTTACAGCCTAGAAAAATGACAGATCTCGTAGCTGTTGGGATGTTGCTTTAAG
TGACGGAGTCCACAAGATCGAATTTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGATGGA
AAGGAAGAGATAAGAAAAGAGTGGATGTTCAAATAGTGGCAAAGAAACATTCTATGTTGGAGCTGCAA
AGACAAAAGCGACCATAAATATAGACGCTATCAGTGGTTTTGCTTATGAATATACTCTGGAAATTAATGG
GAAAAGTCTCAAGAAGTATATGGAGGACAGATCAAAAACCAATACTTGGGTATTACACATGGATGGT
GAGAACTTTAGAATTGTTTTGAAAAAGATGCTATGGACGTATGGTCAATGGTAAAAAATTGGAGACAG
CGGGTGAGTTTGTAGATGATGGGACTGAACTCACTTCAGTATCGGGAACCATGACTGTTACATAAAGGC
TGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATACTCTCATTGTGGATAATAGAGAAATCCAGAG
ATTGCAAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG219633 representing NM_001033030
Red=Cloning site Green=Tags(s)

MLLPFIRTLPLLCYNHLLVSPDSATLSPYPYSLEKMTDLVAVWDVALSDGVHKIEFEHGTTSGKRVVYVDG
 KEEIRKEWMFKLVGKETFYVGAATKATINIDAIISGFAYEYTLINGKSLKKYMEDRSKTTNTWVLHMDG
 ENFRIVLEKDAMDVWVCGNKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIHTLIVDNREIPE
 IAS

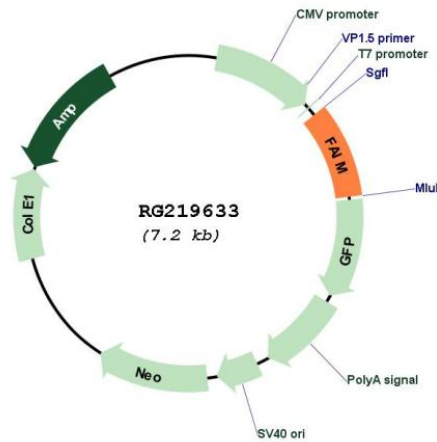
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001033030

ORF Size: 639 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:	<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_001033030.2
RefSeq Size:	1538 bp
RefSeq ORF:	642 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]