

Product datasheet for **RG211934**

FAIM1 (FAIM) (NM_001033031) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	FAIM1
Synonyms:	FAIM1
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG211934 representing NM_001033031
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCATCTGGAGATGACAGTCCTATCTTTGAAGATGATGAAAGCCCTCCTACAGCCTAGAAAAATGA
CAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTCCACAAGATCGAATTTGAACATGGGAC
TACATCAGGCAAACGAGTAGTATATGTAGATGGAAGGAAGAGATAAGAAAAGAGTGGATGTTCAAATTA
GTGGGCAAAGAAACATTCTATGTTGGAGCTGCAAGACAAAAGCGACCATAAATATAGACGCTATCAGTG
GTTTTGCTTATGAATATACTCTGGAAATTAATGGGAAAAGTCTCAAGAAGTATATGGAGGACAGATCAAA
AACCACCAATACTTGGGTATTACACATGGATGGTGAGAACTTTAGAATTGTTTTGAAAAAGATGCTATG
GACGTATGGTGCAATGGTAAAAAATTGGAGACAGCGGGTGAGTTTGTAGATGATGGGACTGAACTCACT
TCAGTATCGGGAACCATGACTGTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCA
TACTCTATTGTGGATAATAGAGAAATCCAGAGATTGCAAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG211934 representing NM_001033031
Red=Cloning site Green=Tags(s)

MASGDDSPIFEDDESPYSLEKMTDLVAVWDVALSDGVHKIEFEHGTTSKGRVYVVDGKEEIRKEWMFKL
VGKETFYVGAAKTKATINIDATSGFAYEYTLINGKSLKKYMEDRSKTTNTWVLHMDGENFRIVLEKDAL
DVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDNREIPEIAS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



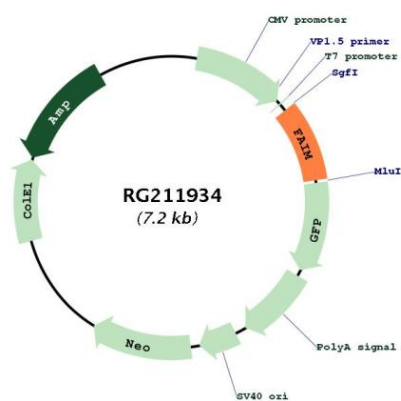
Cloning Scheme:



ACCN:	NM_001033031
ORF Size:	603 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_001033031.2
RefSeq Size:	1164 bp

RefSeq ORF:	606 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]

Product images:



Circular map for RG211934