

Product datasheet for **RG219731**

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: TurboGFP
Symbol: FAIM1
Synonyms: FAIM1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG219731 representing NM_018147
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGATCTCGTAGCTGTTTGGGATGTTGCTTTAAGTGACGGAGTCCACAAGATCGAATTTGAACATG
GGACTACATCAGGCAAACGAGTAGTATATGTAGATGGAAAGGAAGAGATAAGAAAAGAGTGGATGTTCAA
ATTAGTGGCAAAGAAACATTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATC
AGTGGTTTTGCTTATGAATATACTCTGGAAATTAATGGGAAAAGTCTCAAGAAGTATATGGAGGACAGAT
CAAAAACCACCAATACTTGGGTATTACACATGGATGGTGAGAAGTTAGAATTGTTTTGGAAAAAGATGC
TATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAGCGGGTGAGTTTGTAGATGATGGGACTGAACT
CACTTCAGTATCGGGAACCATGACTGTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTA
TTCATACTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG219731 representing NM_018147
Red=Cloning site Green=Tags(s)

MTDLVAVWDVALSDGVHKIEFEHGTTSGRVYVVDGKEEIRKEWMFKLVGKETFYVGAAKTKATINIDAI
SGFAYEYTLINGKSLKYMEDRSKTTNTWVLHMDGENFRIVLEKDAMDVWCNGKKLETAGEFVDDGTET
HFSIGNHDCYIKAVSSGKRKEGIIHTLIVDNREIPEIAS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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.

RefSeq: [NM_018147.4](#)

RefSeq Size: 940 bp

RefSeq ORF: 540 bp

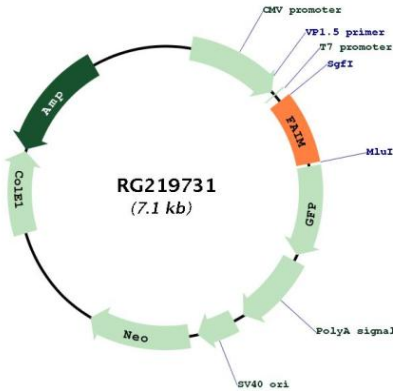
Locus ID: 55179

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]

Product images:



Circular map for RG219731