

## Product datasheet for **SC325033**

### FAIM3 (FCMR) (NM\_001142472) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | FAIM3 (FCMR) (NM_001142472) Human Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | FAIM3  |
| Synonyms:                 | Fas apoptotic inhibitory molecule 3; OTTHUMP00000034619; regulator of Fas-induced apoptosis; TOSO    |
| Mammalian Cell Selection: | None   |
| Vector:                   | <u>pCMV6-XL4</u>   |
| E. coli Selection:        | Ampicillin (100 ug/mL)   |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_001142472, the custom clone sequence may differ by one or more nucleotides |

```
ATGGACTTCTGGCTTTGGCCACTTTACTTCTGCCAGTATCGGGGCCCTGAGGATCCTCCAGAAGTAA
AGGTAGAGGGGGAGCTGGGCGGATCAGTTACCATCAAGTGCCCACTTCTGAAATGCATGTGAGGATATA
TCTGTGCCGGGAGATGGCTGGATCTGGAACATGTGGTACCGTGGTATCCACCACCAACTTCATCAAGGCA
GAATACAAGGGCCGAGTTACTCTGAAGCAATACCCACGCAAGAATCTGTTCTAGTGAGGTAACACAGC
TGACAGAAAGTGACAGCGGAGTCTATGCCTGCGGAGCGGGCATGAACACAGACCGGGAAAGACCCAGAA
AGTCACCCTGAATGTCCACAGTGAATACGAGCCATCATGGGAAGAGCAGCCAATGCCTGAGACTCCAAAA
TGGTTTCATCTGCCCTATTTGTTCCAGATGCCTGCATATGCCAGTTCTTCCAAATTCGTAACCAGAGTTA
CCACACCAGCTCAAAGGGCAAGGTCCTCCAGTTCACCACTCCTCCCCACCACCCAAATCACCCACCG
CCCTCGAGTGTCCAGAGCATCTTCAGTAGCAGGTGACAAGCCCCGAACCTTCTGCCATCCACTACAGCC
TCAAAAATCTCAGCTCTGGAGGGGCTGCTCAAGCCCCAGACGCCAGCTACAACCACCACACAGGCTGC
ACAGGCAGAGAGCACTGGACTATGGCTCACAGTCTGGGAGGGAAGGCCAAGGATTCACATCCTGATCCC
GACCATCTGGGCCTTTTCTGCTGGCCTTCTGGGGCTGGTGGTGAAGGGGCCGTTGAAAGGAGGAAA
GCCCTCTCCAGGCGGGCCCGCCGACTGGCCGTGAGGATGCGCGCCCTGGAGAGCTCCAGAGGCCCGCG
GGTCGCGCGACCCGCGCTCCAAAACAACATCTACAGCGCTGCCCGCGGCGCGCTCGTGGAGCGGACGC
TGCAGGCACAGGGGAGGCCCCCGTTCCCGGCCCGGAGCGCCGTTGCCCGCCCGCCGCTGCAGGTGTCT
GAATCTCCCTGGCTCCATGCCCCATCTGAAGACCAGCTGTGAATACGTGAGCCTCTACCACAGCCTG
CCGCCATGATGGAGGACAGTGATTACAGATGACTACATCAATGTTCTGCTGCTGA
```

|                    |                |
|--------------------|----------------|
| Restriction Sites: | Please inquire |
| ACCN:              | NM_001142472   |



[View online »](#)

|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1900 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>OTI Annotation:</b>        | 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.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_001142472.1, NP_001135944.1</u>   |
| <b>RefSeq Size:</b>           | 3067 bp   |
| <b>RefSeq ORF:</b>            | 1173 bp   |
| <b>Locus ID:</b>              | 9214  |
| <b>Cytogenetics:</b>          | 1q32.1  |
| <b>Protein Families:</b>      | Druggable Genome, Transmembrane   |
| <b>Gene Summary:</b>          | <p>Fc receptors specifically bind to the Fc region of immunoglobulins (Igs) to mediate the unique functions of each Ig class. FAIM3 encodes an Fc receptor for IgM (see MIM 147020) (Kubagawa et al., 2009 [PubMed 19858324]; Shima et al., 2010 [PubMed 20042454]).[supplied by OMIM, Jul 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same isoform (a).</p>   |