

Product datasheet for **SC318926**

FAM189A1 (NM_015307) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM189A1 (NM_015307) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM189A1
Synonyms:	TMEM228
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC318926 representing NM_015307.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCTCCGGCCGGCGGCCCGGAGCGCCGCTCCCGCCGCGCTGCCCGCAGCCTGTCCCGCTGCGC
GAGTGCCCGGGCCGCTCCCGCATCGTGTGGCGCTCGGGGCCACGCAGATGGCGCTCGGATGCCTCATC
GTGGCAGTCAGCTTCGCCGCGCTGGCGCTCACCACCTCGGCCCGCGTCCGCCACTCTGCCCTTCTGG
GCAGGCTTCTCGGTGCTGCTGTGCGGACTCATAGGTGTCGTCTCCTGGAAGAGGCCTCTCTCCCTGTG
ATAACCTTTTTCATGCTGCTTTCTGCAGTGTGTGAATGCTGAATTTGGTGGTTCAATTCTCTTGT
CAGAATGCTCAGTAGTCAACTCCCTAGAAGGCTGCCAGTTGATTAAGTTTGACAGTGTGGAGGTGTGT
GTCTGCTGTGAGCTGCAGCACCAGTCGTCGGCTGCAGCAACCTCGGGGAGACGCTGAAGCTGAACCCG
CTGCAGGAGAACTGCAACGCTGTGAGGCTGACCTTGAAGGATCTCCTCTTCAGCGTGTGTGCCCTCAAC
GTCCTGTCCACTATCGTGTGTGCGCTGGCCACAGCCATGTGCTGTATGCAGATGGTCTCCTCCGATGC
CTGCAGATGTTCTTCCGAGAGGTACATCCTGCCAACCCACCTGCGTGAATCCTCACGGCACCGTT
CTCCACCAGACCTGGATTTTCGACGAGTTCATCCCCCACTCCCGCTCCACCCTATTACCCCCAGAG
TACACCTGCACACCGTCCACTGAGGCCAGAGGGGCTCCACCTGGACTTTGCTCCGTCTCCATTCCGGC
ACTTTGTATGACGTGGCCATCAATAGCCCCGGCTGCTCTATCCTGCTGAGCTCCCCCTCCGTACGAG
GCGGTGGTGGGCCAGCCCCCTGCCAGCCAGGTTACAAGTATAGGTGAGCAGGTGGCCGAGTCCAGCTCC
GGGGACCAAAACACCAAGTGTGGCTTCAGCACTCCAGTACCAGCTGACAGCACAAGCCTCCTGGTGTCC
GAGGGCACTGTACGCCAGGTTCAGCCCATCCCCGATGGCCCTGTGGGCGCCCAGCACCCCTCCGAA
CCTGCCCTTCCCCCTGGCCATGTGTCTCCAGAGGATCCTGGCATGGGCTCACAGGTGCAGCCAGGTCCC
GGGCGTGTGTCCCGCTCCACCAGCGACCCACCTTGTGCACATCTAGCATGGCAGCGATGCCTCTTCA
CACAGGCCGTGCTGTAGCCAGGACCTGGAAGCGGACTGTCTGAGGCTGTGCCTGGGAGCGCTTCCATG
TCTCGCTCTGCCACGGCTGCCTGTGCGGCCAGCTTTCACCAGCGGGGACCCAGATACCTGAAAACT
GACCAACGGCCAAACACAGAGCCCTTCCAGCGACCTCCAAAGAGCGGCCACGCTCTTTAGTGGACAGC
AAGGCCTATGCGGATGCCAGGTTTTGGTGGCCAAAGTTTTTGAACACTCACACTGTGCCCTCCCCACC
GAGGCACAGCACATGGTGGGTGCCATGCGCTTGGCTGTCAACACGAGGAGCGCTCGAGGAGGAGGCC
GTCTTCGCGCTGACGTTCTGGACAGGTATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_015307

Insert Size: 1620 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).

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: [NM_015307.1](#)

RefSeq Size: 4718 bp

RefSeq ORF: 1620 bp

Locus ID: 23359

UniProt ID: [O60320](#)

Cytogenetics: 15q13.1

Protein Families: Transmembrane

MW: 56.5 kDa