

Product datasheet for **SC214680**

TMEM185A (NM_032508) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	TMEM185A
Synonyms:	CXorf13; ee3; FAM11A; FRAXF
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_032508
Insert Size:	1489 bp



Insert Sequence:

>SC214680 3' UTR clone of NM_032508

The sequence shown below is from the reference sequence of NM_032508. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site **Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

AGTATGTGCTCCACCTCCCAAATTAATATCGAAATGCCAGAT**TAG**ATGCCACTTCCGGGGACAGAGCT
 TAAGTGGACTGGGACGCACTCTCTCCGCCTTCTCTGCCCCCTCGTTACCCCCGACAGACCAGAACAGTA
 CTGGAGCTGGGTCTCCAGGTACGTCCATCTCATGCCTGTGTTGCATCCAGCGCTATCAGCCACTCACCA
 CGACGGGACGCGAAGTGGCAGGTGACGGGGTGTGTGCCAGCAGATGCGGATGCCAGGAAGAGTGTGAG
 AACAGGGGTGGGATTACCGTCTGTCTGGGAGGGGCTCCAGGTACCCCTCTTCCCGTCAGACCCACTGGG
 AGATGGCTGCTTGGCAGGCCCCAGAAGGAACATCTGTCTATACGGTGCTGAAATCCCAATCAAAAGTAT
 TGTTTGAAGATGATTTCTCCACAGGGCTGACCTCCTGCAGCTCGCTGAGCACTCCAGGCTCCTCAGCAC
 TCCCAGGTCGTGGCTGGGGCAGTCAGTAGGAAGTAACTATGTCTCTGATGCACCACGTGTTAGACAC
 AGCACAGTCCTTTTTCTGTTCTACTGTGGAAGTAGTTTCTTTGGGCATGCTGACAGCAGTTTTTCA
 TAGCCTCACGGATGAGCCCTTCTACGGGAGTGACTCCATGCTTGTATACAGAGTATTTATACAAATGTT
 TTAGCATCTTCATATGCGGTGTTAACCCTAGTTCTGTACAGCATATTCTGTTCAAGATTTTTTTACAA
 GCTTGTGCTGTAGGCACATGCCCTTCTGCTGCAGAAGTGGACGCCGTGGCAGACTCCCCCCCCCGTG
 GGGTGCCACGCCTTCATGGGACATTGCCACTTCTGCCCTGGAAGTCTGTCAGGTACGTAGTAGCTGCTAC
 TGCCAGAACGGCAACACCAAGCAAGAGATGGTCCATGCTTTTCTGACGTTCTCAGAATAGTGGCTAGCTT
 CAAACCTGACAAGCGCTGCTTGAAGCCGGAACACTAGAGAATGTTGCTGAGAGCAGAAACGGCCACGCGG
 GTCACGACTATGCGTGGGAAAGTCTCAAGCTTCCCTCCTGCCAGCAACAAGAAGGCTTTGGAGTAGGCAT
 GATGTTTTTCAGTGTGCGTGCCGTTTCTCCAAGCACTGCAGGTTCCACCGTGTGTCAGAGGCTGCAAGTT
 TAACATCCTCCTGCCTGAAAACAAATAGGTCCTTTGCTGAAAAGAGGGTAAAAAAGAGCTTTGATCTTC
 TCAGCCAGGAGAAGAGGGTGGTGTTCACGCGGGCACTGCTCGCCGGCTACATGGGGTTAATTCAAG
 TCTGCTGCGAGCAGACTCCGCCCTGGCACTGGCCTCCAGCAAGCCCTGTTCTCTTTGGGTACAGGGG
 AACGGGATGGTTTAGACTTTCCTGCTCAGTGTGTAATAATGTAGCTAAAGCCACTATTTTGTCTCTCT
 TAAGCTGTTCAATAAACCG

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCG

Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_032508.2](#)

Summary:

The protein encoded by this gene is predicted to be a transmembrane protein. This gene is best known for localizing to the CpG island of the fragile site FRAXF. The 5' untranslated region of this gene contains a CGG trinucleotide repeat sequence that normally consists of 7-40 tandem CGG repeats but which can expand to greater than 300 repeats. Methylation of the CpG island leads to transcriptional silencing of this gene, but neither the silencing nor an expanded repeat region appear to manifest itself in a clear phenotypic manner. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on the X chromosome. [provided by RefSeq, Aug 2013]

Locus ID:

84548