

Product datasheet for SC102211

FAM177A1 (AK096173) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM177A1 (AK096173) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM177A1
Synonyms:	C14orf24
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102211 sequence for AK096173 edited (data generated by NextGen Sequencing)

```
ATGGACCAGGAGCCAGTGGGCGGTGTGGAACGAGGAGAAGCCGTCGCAGCCTCGGGAGCT
GCGGCCGCGCGCATTGCGGGAATCTGCAGGGCAGATGAGTAACGAAAGAGGCTTTGAA
AATGTAGAACTGGGAGTCATAGGAAAAAAGAAGAAAGTCCCAAGGAGAGTCATCCACTTT
GTTAGTGGTGAACAATGGAAGAATATAGCACAGATGAAGACGAAGTTGATGGCCTGGAG
AAGAAAGATGTTTTGCCTACTGTTGATCCGACAAAACCTACCTGGGGTCCCTACTTATGG
TTTTACATGCTTCGGGCTGCTACATCAACTCTCTCAGTGTGTGACTTCCTTGGAGAGAAG
ATTGCATCTGTTTTGGGTATCAGCACCCCAAAGTACCAATATGCCATTGATGAATATTAT
CGGATGAAGAAGGAGGAAGAAGAAGAAGAAGAAAACAGGATGTCTGAAGAAGCAGAA
AAACAATATCAACAGAATAAATTGCAGACTGATTCCATTGTTCCAGACAGATCAACCAGAG
ACAGTGATATCCAGCTCATTTGTGAATGTCAATTTTAAAATGGAGGGAGACAGTGAAGTA
ATTATGAAAGCAAGCAAAATCCAGTCTCTGTCCACCATAA
```

Clone variation with respect to AK096173.1

5' Read Nucleotide Sequence:

```
>OriGene 5' read for AK096173 unedited
GCACGAGGGCCCCGCCCTCAGGCCGGCAGTCCCCTTCTCAGAGACTTGGCTAGGCGCG
GCGCGAGGCGGGCGCTGCGGCCAGCAGCCCTGTGGTGGCGACGACGATGGACCAGGAG
CCAGTGGGCGGTGTGGAACGAGGAGAAGCCGTCGCAGCCTCGGGAGCTGCGGCCGCGCG
GCATTCGGGGAATCTGCAGGGCAGATGAGTAACGAAAGAGGCTTTGAAAATGTAGAAGT
GGAGTCATAGGAAAAAAGAAGAAAGTCCCAAGGAGAGTCATCCACTTTGTTAGTGGTGAA
ACAATGGAAGAATATAGCACAGATGAAGACGAAGTTGATGGCCTGGAGAAGAAGATGTT
TTGCCTACTGTTGATCCGACAAAACCTACCTGGGGTCCCTACTTATGGTTTTACATGCTT
CGGGCTGCTACATCAACTCTCTCAGTGTGTGACTTCCTTGGAGAGAAGATTGCATCTGTT
TTGGGTATCAGCACCCCAAAGTACCAATATGCCATTGATGAATATTATCGGATGAAGAAG
GAGGAAGAAGAAGAAGAAG
```



[View online »](#)

Restriction Sites:	NotI-NotI
ACCN:	AK096173
Insert Size:	4700 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).
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:	<ol style="list-style-type: none">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:	<u>AK096173.1</u> , <u>BAC04716.1</u>
RefSeq Size:	2856 bp
RefSeq ORF:	2856 bp
Locus ID:	283635
Cytogenetics:	14q13.2
Gene Summary:	This gene encodes a member of a conserved protein family. Alternative splicing results in multiple transcript variants. This gene is thought to be associated with susceptibility to juvenile idiopathic arthritis. [provided by RefSeq, Apr 2017]