

Product datasheet for **SC127596**

FAM177A1 (NM_173607) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM177A1 (NM_173607) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM177A1
Synonyms:	C14orf24
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127596 sequence for NM_173607 edited (data generated by NextGen Sequencing)

```
ATGGAAGTGGGCTTACCGGCCATTACCCTCTTTCTCACCAGCGCCAGCAGCCCTGTGGTG
GCGACGACGATGGACCAGGAGCCAGTGGGCGGTGTGGAACGAGGAGAAGCCGTCGCAGCC
TCGGGAGCTGCGGCCCGCGGCATTTCGGGAATCTGCAGGGCAGATGAGTAACGAAAGA
GGCTTTGAAAATGTAGAACTGGGAGTCATAGGAAAAAAGAAGAAAGTCCCAAGGAGAGTC
ATCCACTTTGTTAGTGGTGAACAATGGAAGAATATAGCACAGATGAAGACGAAGTTGAT
GGCCTGGAGAAGAAAGATGTTTTGCCTACTGTTGATCCGACAAAACCTACCTGGGGTCCC
TACTTATGGTTTTACATGCTTCGGGCTGCTACATCAACTCTCTCAGTGTGTGACTTCCTT
GGAGAGAAGATTGCATCTGTTTTGGGTATCAGCACCCCAAAGTACCAATATGCCATTGAT
GAATATTATCGGATGAAGAAGGAGGAAGAAGAAGAAGAAGAAACAGGATGTCTGAA
GAAGCAGAAAAACAATATCAACAGAATAAATTGCAGACTGATTCCATTGTTTCAGACAGAT
CAACCAGAGACAGTGATATCCAGCTCATTTGTGAATGTCAATTTGAAATGGAGGGAGAC
AGTGAAGTAATTATGAAAGCAAGCAAAATCCAGTCTCTGTCCCACCATAA
```

Clone variation with respect to NM_173607.3



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173607 unedited TTCGGCTTTTGTAAACGACTCACTATAGGGCGGCCGCGNATTCGGCACGAGCAAGNATG GAAGTGGGCTTACCGGCCATTACCCTCTTTCTCACCAGCGCCAGCAGCCCTGTGGTGGCG ACGACNATGGACCAGGAGCCAGTGGGCGGTGTGGAACGAGGAGAAGCCGTCGCAGCCTCG GGAGCTGCGGCCCGCCGCGCATTGCGGGAATCTGCAGGGCAGATGAGTAACGAAAAGAGGC TTTGAAAATGTAGAAGTGGGAGTCATAGGAAAAAAGAAGAAAGTCCCAAGGAGAGTCATC CACTTTGTAGTGGTGAACAATGGAAGAATATAGCACAGATGAAGACGAAGTTGATGGC CTGGAGAAGAAAGATGTTTTGCCTACTGTTGATCCGACAAAACCTACCTGGGGTCCCTAC TTATGGTTTTACATGCTTCGGGCTGCTACATCAACTCTCTCAGTGTGTGACTTCCTTGA GAGAAGATTGCATCTGTTTTGGGTATCAGCACCCCAAAGTACCAATATGCCATTGATGAA TATTATCGGATGAAGAAGGAGGAAGAAGAAGAAGAAGAAAACAGGATGTCTGAAGAA GCAGAAAAACATTATCAACAGAATAAATTGCAGACTGATTCCATTGTTCCAGACAGATCAA CCAGAGACAGTGATATCCAGCTCATTGTGAATGTCAATTTTGAATGGNAGGAGACAGT GAAGTAATTATGAAAAAGCAGCAATCCAGTCTCTGTCCACCATANATGAAATGACTATC AAGCTTCAACTCTTAAGTTTTTTTTTTTATACAAAACCTTACATTCTTTATCAGTGGGAC TTTATACATATTTAATTTTAAATATTAAGTATCTGAAGGGAAATGNTTCTTCTNNTAGA TCTATCTACAAGCCAGACTGAATCAGAATTGACTGTTTACTGGATAGAANTAGCTTTGGT
Restriction Sites:	NotI-NotI
ACCN:	NM_173607
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>NM_173607.1</u> , <u>NP_775878.1</u>
RefSeq Size:	724 bp
RefSeq ORF:	642 bp
Locus ID:	283635
UniProt ID:	<u>Q8N128</u>
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]

Transcript Variant: This variant (1) encodes the longer protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.