

Product datasheet for **SC320108**

FAM177A1 (NM_001079519) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM177A1 (NM_001079519) 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 sequence for NM_001079519.1 GCCGGCGAGGGCGGCTGCGGCCAGCAGCCCTGTGGTGGCGACGACGATGGACCAG GAGCCAGTGGGCGGTGTGGAACGAGGAGAAGCCGTCGACGCTCGGGAGCTGCGGCCGCG GCGGCATTCGGGGAATCTGCAGGGCAGATGAGTAACGAAAGAGGCTTTGAAAATGTAGAA CTGGGAGTCATAGAAAAAGAAGAAAGTCCCAAGGAGAGTCATCCACTTTGTTAGTGGT GAAACAATGGAAGAATATAGCACAGATGAAGACGAAGTTGATGGCCTGGAGAAGAAAGAT GTTTTGCCTACTGTTGATCCGACAAAACCTACCTGGGGTCCCTACTTATGGTTTTACATG CTTCGGGCTGCTACATCAACTCTCTCAGTGTGTGACTTCCTTGGAGAGAAGATTGCATCT GTTTTGGGTATCAGCACCCCAAAGTACCAATATGCCATTGATGAATATTATCGGATGAAG AAGGAGGAAGAAGAAGAAGAAGAAACAGGATGTCTGAAGAAGCAGAAAAACAATAT CAACAGATAAAATTCAGACTGATTCCATTGTTTCAGACAGATCAACCAGAGACAGTGATA TCCAGCTCATTTGTGAATGTCAATTTTGAATGGAGGGAGACAGTGAAGTAATTATGGAA AGCAAGCAAAATCCAGTCTCTGTCCCACCATAAAATGAAATGACTATCAAAAAAAAAAAAA AAAA
Restriction Sites:	Please inquire
ACCN:	NM_001079519
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.



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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_001079519.1, NP_001072987.1</u>
RefSeq Size:	3276 bp
RefSeq ORF:	642 bp
Locus ID:	283635
UniProt ID:	<u>Q8N128</u>
Cytogenetics:	14q13.2
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon compared to variant 1. The resulting protein (isoform 2) has a shorter N-terminus compared to isoform 1. Variants 2 and 3 encode the same isoform.</p>