

Product datasheet for **SC304536**

FAM120C (NM_017848) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM120C (NM_017848) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM120C
Synonyms:	CXorf17; ORF34
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017848, the custom clone sequence may differ by one or more nucleotides

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ATGGGTGTCCAGGGCTTCCAAGAGTTCCTGGAGAAGCGCTGTCCCGGGGCGGTGGTGCCC
GTGGACCTCCTAAACTCGCGCGCACGGTCTCGCGCCAGCAGCAGCAGCAGCACTTGAC
CGCCAGCTGCCGCCGACTGCAGCCCTAGCGCCCGGGGTCCACGCGCCGCCAGGGGCTCC
GTGCTCTGCAACCGCGCTTCCGCCGCTGCCTTGGGTGCCTACTCCGGGGGCGCGGGG
CCGATTCGGCACCATCACCCGCTCACCCTTCCACCATCATGGCCAAGCGCAGCCCGGG
CTGCACCTCCGCTGCCGCCGCGCGCCCTCAGCTGCCCGGGGCGCGGGTGTGGT
GACGCCGCTCGCGCTGCCGCCGCTCTATGGCGCTACCAGACGATTGGGTGTGTGGC
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GGCGGCGACGGCTGGAGCTCGTGGTCACTGTTCCCGGGGGGCTGGGCAAGGACCGGCTG
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GTGGGCAACAAGGGCACCCCTCCACCGCGGGCTGGTTCCTGCCACCGGCTGCCTGAGC
CACTGCGTGAGGCTAGCACTCATCCGCTTCCGGGTCAAGGTCTTTCAGAGCCTTGAAGAC
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TGGGCACAGCCTGTTGATACTGGAGTTTCAGAAGCGAGCCTAGGTGATGGTGAGCCCCAC

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ATCCCATCTCTGCTGTCTATGTCTACAAGGAACCATGGATATCACCATTCCACCCTTA
CCTCCAGTAGCTCCAGAAGTCTTGAGAGTTGCTGAACACAGACACCGGAGGGTCTTATG
TACCCATATATCTACCATGTCTCACTAAGGGTGAAATTAAGATCCCCGTATGTATTGAG
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GCTGGGATGGTTGTGGGCCAGTGGGCTGGCAGCAGATCCTCCAGGGGCCGAGGATCCTTC
GGCATGCAAGTGGTTTCTGTGCGTGGGCCAGGAAAGGGGCATGAAAAAGAACAGACTGGT
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ATCAAGGAAGAGAAGAGTGATCATCGTCTTCCAGCTCCATCACAATGTGCCTTATCCAGA
GACAGCAATGAGTGAATAATGGTAACCGCTACCTCCCTATGAATAATAGGGAGAAGAAC
CACTTACAAGAGCAAAAGCTAGAAACTGTGGCACAACGGAAAGAGGACTGA

Restriction Sites:

Please inquire

ACCN:

NM_017848

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_017848.3](#), [NP_060318.2](#)

RefSeq Size: 4231 bp

RefSeq ORF: 3291 bp

Locus ID: 54954

UniProt ID: [Q9NX05](#)

Cytogenetics: Xp11.22

Gene Summary: This gene encodes a potential transmembrane protein and lies in a region where mutations and deletions have been associated with intellectual disability and autism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer 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.