

Product datasheet for **SC100483**

FAM120B (NM_032448) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM120B (NM_032448) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM120B
Synonyms:	CCPG; dJ894D12.1; KIAA1838; PGCC1; SAN1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_032448, the custom clone sequence may differ by one or more nucleotides

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ATGGGTGTGAGAGGTTTGAAGGATTTGTGGGAAGTACCTGCCACATATATGTACAGTAGTAAATTTCA
AAGAACTGGCAGAGCACCACCGAAGCAAGTATCCTGGATGTACCCCTACCATTGGTTGATGCCATGTG
TTGTCTCAGATATTGGTATACTCCAGAATCTTGGATCTGCGGTGGCCAGTGGCGAGAATACTTTCTGCT
TTGCGAGATTTTGTAAACTTTTACGGCAGCTGGGATCAAGTTGATATTCTTCTTTGATGGCATGGTGG
AGCAGGATAAGAGAGATGAATGGGTGAAACGAAGGCTCAAGAACAACAGGAGATATCCAGGATTTTCA
TTACATCAAGTCACACAAGGAGCAGCCAGGCAGAAATATGTTCTTCATCCCCTCAGGGCTAGCTGTGTTT
ACACGATTTGCTCTAAAGACACTGGGCCAGGAACTTTGTGTTCTTTGCAGGAAGCAGATTATGAGGTAG
CTTCTATGGCCTCCAGCATAACTGTCTTGGGATTCTGGGGGAAGACACTGATTACCTAATCTATGACAC
TTGTCCCTACTTTTCAATTAGCGAGCTCTGCCTAGAGAGCCTGGACACCGTCATGCTCTGCAGAGAGAAG
CTCTGTGAGAGTCTGGGCCTCTGTGTGGCCGACCTTCTCTTCTGGCCTGCCTCCTTGGCAACGACATAA
TCCAGAGGGCATGTTTGAAGCTTTAGGTACAAATGCTTATCGTCTACACCTCTGTAAAGAGAACTT
TGACAAAAAAGGTAACATCATATTAGCTGTGTCAGACCATATATCGAAAGTTCTTTACTTGTATCAAGGT
GAGAAAAAATTAGAAGAGATATTACCTCTGGGACCAAAACAAAGCTCTTTTTTATAAGGAATGGCATCAT
ATCTTTTACCAGGACAAAAATCTCCATGGTTTTTCCAAAAACCAAGGTGTAATAAATTTGGACAAACA
AGTAATATCCACGAGTTCAGACGCCGAATCCAGGGAAGAAGTTCCCATGTGTTTACAGATGCTGAATCCAGG
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GGCAAGAAGTTCCCATGTGTTTACAGCCCTGAACCCAGGCAAGAAGTTCCCATGTGTACAGGCCCTGAATC
CAGGCGAGAAGTTCCCATGTGTATACAGACTCTGAACCCAGGCAAGAAGTTCCCATGTGTACAGGCCCTGAA
GCCAGGCAAGAAGTTCCCATGTATACAGACTCTGAACCCAGGCAAGAAGTTCCCATGTATACAGACTCTG
AACCCAGGCAAGAAGTTCCCATGTATACAGGCTCTGAACCCAGGCAAGAAGTTCCCATGTATACAGGCCCT
TGAATCCAGGCAAGAAGTTCCCATGTATACAGGCCCTGAATCCAGGCAAGAAGTTTAAATACGGACAGAC
CCTGAATCTAGGCAAGAAATTATGTGTACAGGCCATGAATCCAAACAGGAAGTTCCCATGTGTACAGATC
CTATATCCAAGCAAGAAGACTCCATGTGTACACACGCTGAAATCAATCAAAAATTACCTGTAGCAACAGA
TTTTGAATTTAAGCTAGAAGCTCTCATGTGTACAAACCCTGAAATTAACAAGAAGACCCACAAATGTG
GGGCCTGAAGTAAAGCAACAAGTAACCATGGTTTTCAGACACTGAAATCTTAAAGGTTGCTAGAACACATC
ACGTCCAAGCAGAAAGCTACCTGGTGTACAACATCATGAGCAGTGGAGAGATTGAATGCAGCAACACCTT
AGAAGATGAGCTTGACCAGGCCTTACCCAGCCAGGCCTTCATTTACCGTCCCATTGACAGCGGGTCTAC
TCACTCTTACTGGAGGACTGTCAAGATGTCAACAGCACCTGCCTAGCTGTCAAGGAGTGGTTTGTGTATC
CTGGGAACCCACTGAGGCACCCGGACCTCGTCAGGCCGCTGCAGATGACCATTCCAGGGGGAACGCTAG
TTTGAAAAATTATATGGCTGAACCAAGAGCCAGAAATACAGGTTTCGGCGCTTGGACACACTCCTAGCCTGT
TTCAATCTTCTCCTCAAGAGAAGAGCTGCAGGCTGTGAAAGCCCATTTCAAGCTTTGTGCTGCCTCT
TGATCTACCTCTTTGTCCAGGTGGACACGCTTTGCCTGGAGGATTTGCATGCGTTTATTGCGCAGGCCTT
GTGCCTCCAAGGAAAAATCCACCTCGCAGCTTGTAAATCTACAGCCTGATTACATCAACCCAGAGCCGTG
CAGCTGGGCTCCCTTCTCGTCCGCGGCTCACCCTCTGGTTTGTAGTCAACAGCGCATGTGGCTTCCCTT
GGAAGACGAGTGATTTTCATGCCCTGGAATGTATTTGACGGGAAGCTTTTTCATCAGAAGTACTTGCAATC
TGAAAAGGGTTATGCTGTGGAGGTTCTTTTAGAACAAAATAGATCTCGGCTCACCAAAATTCACAACTG
AAGGCAGTCGTCTGCAAGGCCTGCATGAAGGAGAACAGACGCATCACTGGCCGAGCCACTGGGGCTCAC
ACCACGCAGGGAGGTGGGAAGACAGGGCTCCAGCTACCACAGGACGGGCTCTGGGTATAGCCGTTCCAG
TCAGGGACAGCCGTGGAGAGACCAGGGACCAGGAAGCAGACAGTATGAGCATGACCAGTGGAGAAGGTAC
TAG
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032448 unedited <pre>GCATTTGTAATACGACTTTACTATAGGCGGCCGCGACATTCGCACGAGGTGGCTGAGGCG GCTGGGCTAGGGTGCAGCGGGCGCGTCTGCGGCTGGTGTGGCGCATCTCTAGATCCTT TCCCGGAGTTTCAAGTTATGGGTGTGAGAGGTTTGAAGGATTTGTGGGAAGTACCTGCCCA CATATATGTACAGTAGTAAATTTCAAAGAACTGGCAGAGCACCACGAAGCAAGTATCCT GGATGTACCCCTACCATTGTGGTTGATGCCATGTGTTGTCTCAGATATTGGTATACTCCA GAATCTTGGATCTGCGGTGGCCAGTGGCGAGAATACTTTTCTGCTTTGCGAGATTTTGT AAACTTTTACGGCAGCTGGGATCAAGTTGATATTCTTCTTTGATGGCATGGTGGAGCAG GATAAGAGAGATGAATGGGTGAAACGAAGGCTCAAGAACAACAGGAGATATCCAGGATT TTTCATTACATCAAGTCACACAAGGAGCAGCCAGGCAGAAATATGTTCTTNCATCCCCTC AGGCTAGCTGTGATTACACGATTGCTCTAAAGAACTGGGCCAGGAACTTTGTGTTCT TTGCANGAAGCAGATTATGANGTAGCTTCTATGGCCTCCAGCATAACTGTCTTGGGATT CTGGGGGAGACACTGATTACCTATCTATGACACTTGTCNTACTTTTCATTTAGCGAGCT CTGCCTAGAGAGCCTGGACACCGTCATGCTCTGCAGAGAGAGCTCTGTGAGAGTCTGGCC CTCTGTGTGGCCGACCTTTCTCTTTTGGCTGCCTCCTTGGCAGCAGCAGTATCCAGAGGC ATGTTTGAAGGCTTAGTACAAATGCTATCGTCTACCTCTGGAAAAAACTTTGACAA AAAGGTACTTCTATTACCTGGTCAGACCATTTTCGAGTCTTACTTGTTCAGGTAGAAAA ATTAAGAAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032448
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:	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_032448.1, NP_115824.1</u>
RefSeq Size:	3261 bp
RefSeq ORF:	2733 bp
Locus ID:	84498
UniProt ID:	<u>Q96EK7</u>
Cytogenetics:	6q27

Gene Summary:

Functions as a transactivator of PPARG and ESR1. Functions in adipogenesis through PPARG activation (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) contains an alternate 5' exon and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a. 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.