

Product datasheet for **SC337691**

FAM120B (NM_001286380) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM120B (NM_001286380) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM120B
Synonyms:	CCPG; dJ894D12.1; KIAA1838; PGCC1; SAN1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001286380, the custom clone sequence may differ by one or more nucleotides

```

ATGTTTGGACCTCGAGGCTCCACCAGCGCTGGCGCAGGCAGGAAGGAGATCCTTTCCCGAGTTCAGTTA
TGGGTGTGAGAGGTTTGAAGGATTTGTGGGAAGTACCTGCCACATATATGTACAGTAGTAAATTTCAA
AGAACTGGCAGAGCACCACCGAAGCAAGTATCCTGGATGTACCCCTACCATTGTGGTTGATGCCATGTGT
TGTCTCAGATATTGGTATACTCCAGAATCTTGGATCTGCCGTGGCCAGTGGCGAGAATACTTTTCTGCTT
TGCGAGATTTTGTAAAACTTTTACGGCAGCTGGGATCAAGTTGATATTCTTCTTTGATGGCATGTTGGA
GCAGGATAAGAGAGATGAATGGGTGAAACGAAGGCTCAAGAACAACAGGGAGATATCCAGGATTTTTCAT
TACATCAAGTCACACAAGGAGCAGCCAGGCAGAAATATGTTCTTCATCCCCTCAGGGCTAGCTGTGTTTA
CACGATTTGCTCTAAAGACACTGGGCCAGGAACTTTGTGTTCTTTGCAGGAAGCAGATTATGAGGTAGC
TTCCTATGGCCTCCAGCATAACTGTCTTGGGATTCTGGGGGAAGACACTGATTACCTAATCTATGACACT
TGTCCCTACTTTTCAATTAGCGAGCTCTGCCTAGAGAGCCTGGACACCGTCATGCTCTGCAGAGAGAAGC
TCTGTGAGAGTCTGGGCCTCTGTGTGGCCGACCTTCTCTTCTGGCCTGCCTCCTTGGCAACGACATAAT
CCCAGAGGGCATGTTTGAAGCTTTAGGTACAAATGCTTATCGTCCTACACCTCTGTAAAAGAGAACTTT
GACAAAAAAGGTAACATCATATTAGCTGTGTGACACCATATATCGAAAGTTCTTTACTTGTATCAAGGTG
AGAAAAAATTAGAAGAGATATTACCTCTGGGACCAAAACAAAGCTCTTTTTATAAAGGAATGGCATCATA
TCTTTTACCAGGACAAAAATCTCCATGGTTTTTCCAAAAACCCAAAGGTGTAATACTTTGGACAAACAA
GTAATATCCACGAGTTCAGACGCCGAATCCAGGGAAGAAGTTCCTCATGTGTTGATGCTGAATCCAGGC
AAGAAGTTCCTATGTGTACAGGCCCTGAATCCAGGCGAGAAGTTCCTGTATACAGATTCTGAACCCAG
GCAAGAAGTTCCTATGTGTTGACACCCTGAACCCAGGCAAGAAGTTCCTCATGTATACAGGCCCTGAATCC
AGGCGAGAAGTTCCTATGTGTTGACACCCTGAACCCAGGCAAGAAGTTCCTCATGTATACAGGCCCTGAAG
CCAGGCAAGAAGTTCCTATGTATACAGACTCTGAACCCAGGCAAGAAGTTCCTCATGTATACAGACTCTGA
ACCCAGGCAAGAAGTTCCTATGTATACAGGCTCTGAACCCAGGCAAGAAGTTCCTCATGTATACAGGCCCT
GAATCCAGGCAAGAAGTTCCTATGTATACAGGCCCTGAATCCAGGCAAGAAGTTTTAATACGGACAGACC
CTGAATCTAGGCAAGAAATTATGTGTACAGGCCATGAATCCAAACAGGAAGTTCCTATGTATACAGATCC
TATATCCAAGCAAGAAGACTCCATGTGTACACACGCTGAAATCAATCAAAAAATTACCTGTAGCAACAGAT
TTTGAATTTAAGCTAGAAGCTCTCATGTGTACAAACCCTGAAATTAACAAGAAGACCCACAAATGTGG
GGCCTGAAGTAAAGCAACAAGTAACCATGGTTTCAGACACTGAAATCTTAAAGGTTGCTAGAACACATCA
CGTCCAAGCAGAAAGCTACCTGGTGTACAACATCATGAGCAGTGGAGAGATTGAATGCAGCAACACCCTA
GAAGATGAGCTTGACCAGGCCTTACCCAGCCAGGCCTTCAATTTACCGTCCCATTCGACAGCGGGTCTACT
CACTCTTACTGGAGGACTGTCAAGATGTACCAGCACCTGCCTAGCTGTCAAGGAGTGGTTTGTGTATCC
TGGGAACCCACTGAGGCACCCGGACCTCGTCAGGCCGCTGCAGATGACCATTCCAGGGGGAACGCCTAGT
TTGAAAAATTATGGCTGAACCAAGAGCCAGAAATACAGGTTTCGGCGCTTGGACACACTCCTAGCCTGTT
TCAATCTTTCTCCTCAAGAGAAGAGCTGCAGGCTGTGAAAGCCCATTTCAAGCTTTGTGCTGCCTCTT
GATCTACCTCTTTGTCCAGGTGGACACGCTTTGCCTGGAGGATTTCATGCGTTTATTGCGCAGGCCTTG
TGCTCCAAGGAAAAATCCACCTCGCAGCTTGTAATCTACAGCCTGATTACATCAACCCAGAGCCGTGC
AGCTGGGCTCCCTTCTCGTCCGCGGCCTCACCCTCTGGTTTTAGTCAACAGCGCATGTGGCTTCCCCTG
GAAGACGAGTGATTTTCATGCCCTGGAATGTATTTGACGGGAAGCTTTTTCATCAGAAGTACTTGCAATCT
GAAAAGGGTTATGCTGTGGAGGTTCTTTTGAACAAAAATAGATCTCGGCTCACCAATTCACAACTGA
AGGCAGTCGTCTGCAAGGCCTGCATGAAGGAGAACAGACGCATCACTGGCCGAGCCCACTGGGGCTCACA
CCACGCAGGGAGGTGGGAAGACAGGGCTCCAGCTACCACAGGACGGGCTCTGGGTATAGCCGTTCCAGT
CAGGGACAGCCGTGGAGAGACCAGGGACCAGGAAGCAGACAGTATGAGCATGACCAGTGGAGAAGGTACT
AG
    
```

Restriction Sites: SgfI-MluI
ACCN: NM_001286380

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_001286380.1, NP_001273309.1</u>
RefSeq Size:	5223 bp
RefSeq ORF:	2802 bp
Locus ID:	84498
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 (2) contains an alternate 5' exon and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is longer than 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.