

Product datasheet for **RC236864**

FAM120B (NM_001286381) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM120B (NM_001286381) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FAM120B
Synonyms: CCPG; dj894D12.1; KIAA1838; PGCC1; SAN1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236864 representing NM_001286381
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGACCATTCCAGGGGAACGCCTAGTTTGAAAATATTATGGCTGAACCAAGAGCCAGAAATACAGTTTC
GGCGCTTGGACACACTCCTAGCCTGTTTCAATCTTTCCTCCTCAAGAGAAGAGCTGCAGGCTGTCGAAAG
CCCATTTCAGCTTTGTGCTGCCTTTGATCTACCTCTTGTCCAGGTGGACACGCTTTGCCTGGAGGAT
TTGCATGCGTTTATTGCGCAGGCCTTGTGCCTCCAAGGAAAATCCACCTCGCAGCTTGTAATCTACAGC
CTGATTACATCAACCCAGAGCCGTGCAGCTGGGCTCCCTTCTCGTCCGCGGCCTCACCCTCTGGTTTT
AGTCAACAGCGCATGTGGCTTCCCTGGAAGACGAGTGATTTTCATGCCCTGGAATGTATTTGACGGGAAG
CTTTTTTCATCAGAAGTACTTGCAATCTGAAAAGGGTTATGCTGTGGAGGTTCTTTTAGAACAAAATAGAT
CTCGGCTCACAAATCCACAACCTGAAGGCAGTCGTCTGCAAGGCCTGCATGAAGGAGAACAGACGCAT
CACTGGCCGAGCCCACTGGGCTCACACCACGCAGGGAGGTGGGAAGACAGGGCTCCAGCTACCACAGG
ACGGGCTCTGGGTATAGCCGTTCCAGTCAGGGACAGCCGTGGAGAGACCAGGGACCAGGAAGCAGACAGT
ATGAGCATGACCAAGTGGAGAAGGTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC236864 representing NM_001286381
 Red=Cloning site Green=Tags(s)

MTIPGGT⁺PSLKILWLNQEP⁺EIQVRR⁺LD⁺TLLAC⁺FN⁺SSSREELQAVESPFQALCCLLIYLFVQVDTLCL⁺ED
 LHAFIAQALCLQ⁺GKSTSQLVNLQ⁺PDYINPRAVQLGSL⁺LRGLTTLV⁺LVNSACGFPWKTSD⁺FMPWNVFDGK
 LFHQKYLQSEKGYAVEV⁺LLEQ⁺NRSRLTKFHN⁺LKAVVCKACMKENRRITGRAHWGSHHAGRWGRQ⁺SSYHR
 TSGYSRSSQGQPWRDQGP⁺SGRQYEHDQ⁺WRRY

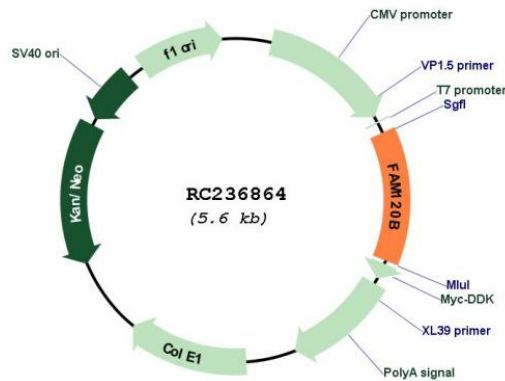
TRTRPLE⁺QKLISEEDLAANDILDYKDDDDK⁺V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286381
ORF Size: 726 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001286381.1 , NP_001273310.1
RefSeq Size:	3275 bp
RefSeq ORF:	729 bp
Locus ID:	84498
UniProt ID:	Q96EK7
Cytogenetics:	6q27
MW:	28.1 kDa
Gene Summary:	Functions as a transactivator of PPARG and ESR1. Functions in adipogenesis through PPARG activation (By similarity).[UniProtKB/Swiss-Prot Function]