

Product datasheet for **SC107480**

FAM107B (NM_031453) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM107B (NM_031453) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM107B
Synonyms:	C10orf45; HITS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031453, the custom clone sequence may differ by one or more nucleotides

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ATGTCCACGTGGAAAGCAAGACTCACCAAAGACTGAAGTCTCCCTCTAGAAGCATGCATCCATTTCCGT
GCTCAGCTCTGCTCGCCTGTTTTGGGAATACGAGGGAGAGTGCTTCTTCAATCAGTCCGGCGTGGCTGA
TACTCATTCCACCGTCCGTGTGCAGCCTGTGGCCAAAGCAGGCAGACAGCCAAGACACCCAAGCGCAGAA
GGAGCTCCAGAGAAAAGGCAAGATTCGAGCACCCATGCAGAGAGAAAATGGCAGTGCGAATCGGAATTCAA
GTCACCGCACTGCGGCCAGCCCGGAGACGCCTGAAGATGTGCCCGGGTCCCTGGATGATGGGGCGGA
CTGTGAAGCAGTGGTGTTCACGCTTCCATCCCCAGACCATCAATTATTGACACGCCCAAGGAAGAAGAA
TTTCGAGAAGAACCTAAATGCCTCGAGCTGGAGCAGAAAATGACATCAGACAGCCCACCTGAGGATATTG
ACCATAAGGACTCATATCTCATTACAAGAAGCATCATGGCCGAGCCAGACTACATAGAAGATGACAATCC
TGAACTCATTAGGCCTCAGAAACTGATCAATCCTGTA AAAACCTCCCGGAACCATCAAGATCTTCACAGA
GAACTTCTTATGAATCAAAAAAGGGTCTTGCTCCTCAGAACAAACCAGAATTGCAGAAGGTGATGGAAA
AAAGAAAACGAGACCAAGTAATAAAGCAGAAGGAAGAAGAAGCACAGAAGAAGAAATCTGACTTGGAAAT
AGAGCTATTA AACGGCAGCAGAAGTTGGAGCAGCTTGA ACTTGAGAAGCAGAAATTGCAAGAAGAGCAA
GAAAATGCCCCGAGTTTGTGAAGGTGAAAGGCAATCTCAGGAGAACAGGCCAAGAAGTCGCCCAAGCCC
AGGAGTCCTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031453 unedited
 NTTGTTCAAATTTTGNATACGAACTCACTATAGGGCGGCCGGAATTCGCACGAGGGGA
 TGGTAAATTTCTGTTTTGGGTGCTTTTCTTACCAGCTCTAAGGAACTACACAGTCAGAA
 GGTGCATTCTTACTGCGATCTTTTTATTTGCTACCTTGGGCTTAAGGAGCCTGCCTATAT
 CTACTGAGGTGAGGTTAGGTCAGTCTCTGTAACCGTTCGTCACCTAGGCCTTGATGGGTG
 ACATGGATGGGGATGACTTCTGGGCTAACTCTTCTTCTGCTAAAGGATGATTTTTACC
 ACCTTGAATGCCCATGATTAACAATAAACAAGAAAATAGATATCTGAGACAGCCACCT
 GAGGATATTGACCATAAGGACTCATATCTCATTACAAGAAGCATCATGGCCGAGCCAGAC
 TACATAGAAGATGACAATCCTGAACTCATTAGGCCTCAGAACTGATCAATCCTGTAAAA
 ACCTCCCGGAACCATCAAGATCTTCACAGAGAACTTCTTATGAATCAAAAAAGGGTCTT
 GCTCCTCAGAACAACCAGAATTGCAGAAGGTGATGGAAAAAGAAAACGAGACCAAGTA
 ATAAAGCAGAAGGAAGAAGAAGCACAGAAGAAGAAATCTGACTTGGAAATAGAGCTATTA
 AAACGGCAGCAGAAGTTGGAGCAGCTTGAACCTGAGAAGCAGAAATTGCAAGAAGAGCAA
 GAAAATGCCCCGAGTTTGTGAAGGTGAAAGGCAATCTCAGGAGAACAGGCCAAGAAGTC
 GCCAAGCCAGGAGTCTANGCTGAGGCTGCACCAAGACCTCGTGTGCACCCACAGA
 GCTGTCTGTGGGTGCCTTCTCAATCTCAGGNCAAGCCCTGNNAATATTCCAGCCAGC
 AGAGAATTTGACTGCGTAGNATTNGNNTTGATTTCTACGATCTGGGTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031453 unedited
 TGGACCGCGCACGCACTTCTAGTAGTCGAGTTTTTTTTTTTTTTTTTTCATGGTCCAA
 GCATGTGGTGATTTTTATTAAGAATAACTTTGGTCTAAGAATCCACCCTCAATCTTT
 AATACTTTCCGTTAAAAACAATTATACAAGAGCAAATACAAAAATATTAATATGAAA
 ACCAATCCATTAAGGCTCCCTTTATATATATTATATACTCAAACAAGTCAAGATTTT
 CAGAGTAGAAGAATAAAGTCGACTGTTATAGCTTATAAAGCAACTACTACTATGAGAC
 TATAAAACATTAACATTTTTAAGAAAACACGCTGTGGAAAAATGGAGCCATTTTTGTC
 AAAAAGTGGCTCAAAGCACAAAACCTGCTCAGATGTTCAAGAGTCTAGGAGTTTGGGCTG
 CACAGTATTAAGGGGTGAGAGGAGACCGACAGCCTGTTTGAATCAGGCTTGTGAGCCAG
 CTCATCTGACAACCTCAAAGAGCTTCTCTGCCTATACATTCCACCGTTTGCATAAGACA
 CCATTTACGCTATTTACAAGTCTCTTTTGGCCAGATTTGTACTAATTACAAATA
 ATTCTGCAGATTTGAGTGAGATTACGAAAGAAATGCTCTCTTAAGTAACTCTTTTTTTTT
 TTCAGTGAAGAATGAATTTAGTTAAGCTCTAAGAACAGAAATGGGCCTTCTAAAGGAGC
 CTACAGGGCCCTGTGAATACGATCAAGTGGCAGATTTGCTCCAAGAATCAGATTTAAA
 GATCTGACATCTAGTTAAATAAAAAAGATATGAGCCAGTGCAGTCTCTATCTAAAAACAG
 GATCGGCTAGTCACAGAACAAGAAAGAAATCCAGCCAACGCAATCGAAAGGGGCTTTTA
 AGACATAAAAAATACTCCCTCTCTAAAAGACCAGGGGAAAAAGCACCCCTTCTCCTGG
 AACCAATACATAAAGGACATTTGCTAAAACCTCATTATTAAAAAACTGG

Restriction Sites:

NotI-NotI

ACCN:

NM_031453

Insert Size:

3740 bp

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: [NM_031453.1](#), [NP_113641.1](#)

RefSeq Size: 3815 bp

RefSeq ORF: 396 bp

Locus ID: 83641

UniProt ID: [Q9H098](#)

Cytogenetics: 10p13