

Product datasheet for **SC100010**

FAM76B (NM_144664) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: FAM76B

Mammalian Cell None

Selection:

Vector: pCMV6-XL6

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC100010 sequence for NM_144664 edited (data generated by NextGen Sequencing)

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ATGGCGGCCTCGGCCCTGTACGCCTGCACCAAGTGTACCCAGCGTTATCCTTTTCGAGGAG
CTCTCCAGGGCCAGCAGCTCTGCAAGGAATGTCGGATTGCACATCCTATTGTAAAATGT
ACTTACTGCAGATCAGAAATTTCAACAAGAGAGCAAACTAACACAATTTGTAAGAAAGTGT
GCTCAAAATGTGAAGCAATTTGGGACGCCAAGCCTTGTCACTGTAAACATAATTGCA
GCATTTATTGGTACCAAGTGTGAGCGTTGCACAAATTCAGAAAAAAGTATGGACCACCT
CAGACCTGTGAACAGTGCACCAAGCAATGTGCTTTTGATCGGAAGGAGGAAGGAAGAAGA
AAGGTTGATGGAAAGTTATTATGCTGGCTCTGTACTTTATCGTACAAAAGAGTTTACAG
AAGACGAAAGAACAAGGAAGAGCCTGGGATCTTCACATTCAAATTCATCTTCTTCATCT
CTTACTGAGAAAGACCAGCATCATCAAAACATCATCACCACCATCATCACCATCACCAT
CGTCACAGCAGTAGCCATCACAAAATCAGCAATCTAAGTCCAGAAGAAGAGCAGGGACTG
TGGAAACAGAGCCATAAATCCTCTGCAACAATTCAGAATGAACTCCAAAGAAAAAGCCC
AAATTGGAATCTAAGCCATCTAATGGAGATAGTAGCTCTATAAATCAGTCAGCAGATAGT
GGGGGAACAGACAATTTGTCCTTATAAGTCAACTGAAAGAAGAAGTGTGTCACCTTAAG
CGTCTCTTACAGCAGAGAGACCAGACCATTTTAGAAAAAGATAAAAGTTAACTGAACTA
AAGGCAGACTTTCAGTACCAAGAGTCAAATTTGAGAACAAAAATGAACAGTATGGAAAAA
GCCCACAAAGAACTGTGGAACAACCTTCAGGCCAAAAACAGAGAACTACTCAAAACAGGTC
GCAGCATTATCAAAGGGTAAAAATTTGACAAAAGTGAAGCATACTAACATCTCCTTGA
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Clone variation with respect to NM_144664.4
754 t=>c



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_144664 unedited
 TCCCCCGCCCCGTTGCCGCAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCA
 GAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCGA
 ATTCGGCACGAGGAGACGGTGGCGTGTCCGCGGGGCCCTGGGCTCTCGCGGCAGGGCCC
 TGGTGGCGCGCAGGCAGGGGAGGGGAGGAGGAGAGCCCGCGGCCGCGCGCGCGG
 CTCTCGGGTTCTCCGTAGGGCCCCGCTCGGAGCGGGCGCGGAGGAGGAGACTGAG
 GAGCAGGATGGCGCCTCGGCCCTGTACGCCTGCACCAAGTGTACCCAGCGTTATCCTTT
 CGAGGAGCTCTCCAGGGCCAGCAGCTCTGCAAGGAATGTCGGATTGCACATCCTATTGT
 AAAATGTACTTACTGCAGATCAGAATTTCAACAAGAGAGCAAACTAACACAATTTGTAA
 GAAGTGTGCTCAAAATGTGAAGCAATTTGGGACGCCCAAGCCTTGTCACTGTAAACAT
 AATTGCAGCATTTATTGGTACCAAGTGTACGCTTGCACAAATTCAGAAAAAGTATGG
 ACCACCTCAGACCTGTGAACAGTGAACACGCAATGTCTTTTGATCGGAAGGAGGAAGG
 AAGAAGAAAGGTTGATGAAAGTTATTATGCTGGCTCTGTACTTTATCGTACAAAAGAGT
 TTTACAGAAGACGAAAGAACANAGGAAGAGCCTGNGATCTTCACATTCAAATTCATCTTC
 TTCATCTCTTACTGAGAAAGACCAGCATCATCCANAACATCATCACCACCATCATCACCA
 TCACCATCGTCACAGCAGTAGCCATCACAAATCAGCATCTAAGTCAGAAGAGAGCAGGG
 ACTGTGGAACAGAGCCATAAATCTCTGNCACAATTCAGATGAAACTCCAAGAAAAAGCC
 AAATGGAATCTAC

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_144664 unedited
 TCTGTTTTAAACCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCTTTGCCAAG
 TTTTTTTATTGGGAAAATATTGGGTATCTAGAAAAAAGTCCAAATGTCAACAGTCAG
 TATGTGTACAAGTCCAGTTTTCAATAGTCTATACATGTGAACAGCTTAACAGGTTCACT
 GCAAAATGCATATTTTTACCAATATAATCTAAAAAGGACTGCAGTATTCACAGGCTATTA
 ATACATAAAATAACTTGAGTCAAAATGACCCTTACTGGGAAATGCTAATTAATAGGGGAAA
 ACAGGCTAAAGGCCAATACCCCCACCATAGTATCTCCTTACAGGTCCACATTTAAAGA
 ATATCAGTTTATTATGTCAAAACACTACAGAGATCCAGGACTGGGACTGAATTACTAATT
 TATACAATTGCAAAAAAATTTAAGTTATAAAATAAGGCCATGGAATAAAGAAGGGTTTTT
 AATTAGGACTAAATACTGTGAACCCCATGAAAGGGTTTTAGCCTTGGAATTTACAAAGCT
 AAATTATTAGACTGTTAATGTTAGCTAACACTAAAAGTGAATTACCTTCCATTTAATGT
 TAGCTAATATTAATATTCACTTTTTAATTTTGTAGTTAGCTAAGGGGAAGGACGAGGAC
 AACTTTCTTTTGGAGGTTCCCCAACAGGTGTAAGACCTCTCAAAAGTGAAACCTAAT
 GACCCCTTGGGGACTGACAATGGGCTTTGGAAACAGGATTTTAAAACTTCCCAATTTCCA
 AAGAAAGGGAATAACCTTTCTAAGAAATTTGGCAATTCGCCAACGTTAAATCCATGG
 TA

Restriction Sites:

NotI-NotI

ACCN:

NM_144664

Insert Size:

4000 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_144664.3, NP_653265.2</u>
RefSeq Size:	3868 bp
RefSeq ORF:	702 bp
Locus ID:	143684
UniProt ID:	<u>Q5HYJ3</u>
Cytogenetics:	11q21