

Product datasheet for **MC222769**

Fam186b (NM_001081254) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Fam186b
Synonyms:	EG545136
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC222769 representing NM_001081254
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGAAGGACAACCCCCACACTTGGTGAATCCCACATCAGTGAAGGCTATTATCTCAAAGATTGAGA
 CTGCCCAGCTAATTCGGACTCAGGAGGATATTTCCACCCAGCTCTCGGACATCTTGGACAATGTCAACTG
 TGCCATCAACCGCTTCCAGGAAGAACTGGGATGACTTAAAGAAAGAGCGAAGCCTCACCAACCAGAG
 CAGAAAGGCAAGAAGAGGTTTCATCTGTGAGGAACTCGCCGCTTCTCTGATGACGCCAAGGCCAAGG
 AGAAGCACCTGTATGAGATCCTCACTGGCTGGCGAATGGGTGACAGTCTGACTTATGAGATAAAGGA
 CAGGAGTTTCGGAGGAAGACGAAGCCCTAGACGAATGGATCGAAGTATGAGAGAAGGTTGGCTCTTTCC
 CTCATGGCCACCAAGGAGGCATCGAGTCTCTCATCTCTGTGCTCGACTCTCATCGAAGACCAGAAGA
 AAATGACACAAAGGTACAAACATAAATTCTGGCAGGACTGGCATGAGAAGAGCCACAGAATAAGGAGCA
 GGGAAATCCCTGTGCCACCGAGCCCGGAGCAGATGCTCCAGGACAAGAACCAGCCACCTGAACGTCTCG
 GAGGTGAGTCCATGCTACAGGAGCTCCTGGACTCCACGATGTTCAACAAAGGGGAGGTTAAAGCCATCA
 GGTACATGTCCGCGTGGTGGAGAACCTCAACAAGGCCTTGACCCTCCAGCACAAGGAGAACAAGAGTCT
 GGAGACAAAGTACAAGTACCTGCAGGTGGAAAAGAACAAGAGCTCAGCACCCAGAGGCTGCACTTCCAA
 AAATCCATCCAAGTCTGGAGAGCAAAAGGAGCGCTGCTGAAACAGGTAAAGATTCTAGGGGACAAAT
 ACCATACCTCCTCATGTTAAAGCACACCTGGAGTTCCAGCTGAATATAGCCAGCCTGCTAGTGGTCC
 AGAAGAACCACCAAGCATTTTCATTATTACCTGGAACCCCTGAAAAAGAGCCCTTCCAGGGCAGGGT
 ACAGCCCTGGAGAAGGAGAAGCAGGAGCCCAAGGAGAAGGACAGGCAGTTTCAGTCTCTTTTCAAGTC
 CCCTGACCAAGGCCTGGCAGTGGCACTACCTGCAGCCCAAGCCAATCTTCGGCAGGACACGGA
 TTCGAGGGTGAGGGATGTGTTGTTGACCCACAGAGGCCCTGGAGCCTGTGCTGCTGCACTCAGAGGT
 CCCCAGATTCCACACAATGGGAGAACTAGGGGACATGAAAGACAAGACCAGGGGGATCATATCCAAG
 AGGAGGGAGCCCAAGCAAGTCCCTGTCCCGAGGAGCATCAGGAGGAGGCTTCTGGAGAGCCCATGGG
 GCACTGGGAGGAAGAGTCAACTGGGAGACCAGAAGGCAGCAATGGCTGCAGGAGGAAGAGATGTGGCTT
 CAGCGGCAGAGAAGAAGTGGGCCCTGCTGGAGCAGGAGCACAGGAAAAGGTGAGGCAGTGGGAGGCAGAGG
 CGGCTGCCAGGCAGTGGCAGAGGCTCACCCAGCCAGAGGAGGAGAAGCCAGCCAGCCAGGAAGGAGCA
 GAAGGCAAGTCCGAGATGATCTTACCACCACAGTCCGTGGAAGAGCCTGAAGAAGTCCGAGTCCACG
 CCGAGCCCACTGCAGGGCCAGTCCGCGCATCAGAGCAGGTGCTACATACTCGCATCCCCACACACC
 AGCAGGCTGGGCAGGGGACCCAGAGGACCTGGGTTGAGTGTCTGCAAGGCCACCGACCCGCCA
 GGTTTCTGCGAAGCCCAAGAAATCCACCTCCTTGCCAGTCACTGGGACGTCCATCCTCCGAAGGGTGTCC
 CAGGTCTCTGTCAGCAAGCCCGGGGACACCTAAGGACAAGGTCTACCACATAGACATGGAGGCCAGC
 TGAAGAACCTGCAGGTCTGGCGGTTTCGAGTGCAGGTTGGCACTGCCACAGTACCTGCGCAGCAAGC
 CCTGGAGGTCAATGCCATCGCCATGGACCTGAGCATTCTCCGCTGCAGTACCTATGCAAGAAGTATATC
 CAATACAGGCGCTTCCAGAGCCTCCGACTAGAAATGATCAAACACATAGGAGCCATTGACAAAACAAGAG
 TTACCAGTAAGGCCAGAACCTCTATCTGTTCTGGAGAATGACCACCAGCAGAGCCTCAGGCTGCA
 GGCCTGGGCAGACAAGCAGAGAGACCTGGAGGAAAGGACACAGGAATGCCTGCACACCATGGTGGCCATG
 TTCCCTAAGTCCAGCAAGAGTGGAACTCCACCTGAGCGTCCCGTGTCTACCCATGTGAAGCCAGTGA
 AGAGCAAGTCATCTTCAGTCTTGCTTCAGAGAGTCCGCTCCAGCCACTCCACCACCAAGCACCGTCTCC
 ACCTAAGCCCCGGGAGTCTGTGCCCTGCCGATAACTGGCCAACAAGGGAGCCAGATGGAAGCCATATGG
 AAGGCTGATGTGGCCTCTTCGAGTCACCCCATAGAAAAGAAGACCCCTACAAACATGTGCTGGGAACAAC
 TAGGGGGCTACCCAGACATCCCAGGTTACTGGTGGTGGACGAGCATCCCTCCTGCCCCAGAAGCTCGGT
 GTCTTCAAGGCTCGCTCTTTCAGTCTTCTCGGTCCAAAGGAAGGAAGGCCAGGAACCTCAGAGGAG
 CTAGCTGGGCTGTCTGCAAAATGTCCAGCCAGTCACTACCCGGATCGATCTGTACAAAGCAGGAAGGAT
 CGGGCAGCTCCAGTACCACTCCATCCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001081254

Insert Size:

2832 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_001081254.1, NP_001074723.1</u>
RefSeq Size:	3187 bp
RefSeq ORF:	2832 bp
Locus ID:	545136
Cytogenetics:	15 F1