

Product datasheet for **SC318961**

FAM178B (NM_001122646) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM178B (NM_001122646) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM178B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC318961 representing NM_001122646.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTGGCCAAGGCTTCCAGGTGCGGGCCCTCGCTCCACAACCTCAGGAGGCAGGATCAGCGGCTCCATTTT
ACAGGACAGATGTCACCGGCTTCAGATGGCTGGGCCCCAGGAGACGGTGTAGCCCTTCTCTGAGA
GAAGGGGTGCAGGCTGCCGCCACCGTGCCATCCTCCTGTACAACCTGGAGGATGGCTTGTGAGACCAT
CCCCTGGACCAGGGGCCCGCTGCCCTGCCCGGGCCCTGCAGCCCTGCCTCGGCTCCAGCTCCACACA
TCGCCAAAGAAGCCCAAGATACAGGCACCTGGGAAACGTTTCCCACTGACTGGAGCCCCCGCCCGTG
GAATTCCTCAACCCGAGGGTGTGCAGGCCAGTCGGGAGGCCCGCCAGAGGTGGTGGTGTGGTG
GGCCCCAGGGCCTGAGGAGACTGGCTGGTGGCTGCCGAGGAGTTGGAGCAGGAACACCTGGACTTG
GACCCGAAGAGGGCCTGGCCTTCCAGAGAAGCTGTTCTGGAACACGTGAGCCTGAGCCAGCAGGCT
GCGGCCCCAGAGTTTTCTGGGGGGCTCAGGAAGCTACTTCAACAACCTGGACTACTTACTGCAGGAG
AAGAGGGAACAGGCCCTGGAGCAGGAGCGAGAGAGGCTGCTTCTGCAGGAGTGTCTCAATCTCAACTCC
TTGGATCTTGATGAAGAGGAAGTGCCACTCACACCCGAGCACAGGATGCTGGTGGAAAAGTACTCAGTG
TCCTGCAGACCATCCCGCCGGTCCATCCAGGTGAGACTGTGTTTCTGCCAGGTGTACCCCCCTGCCA
TGCATCCTGGACTCCTCACTCCTGAAGCCACGCAGCCACCTGGAAGGGCTGTTTCTCAGCTCCCCGCCA
GCCCAACAGCTCTCCTTCTGCGCAGTGGCCTCCTGAACATCCTCTACCTGCACATGCCTGACTGCCCG
GTATCCCTGCTCCAGTGGCTGTTCCAGCTGCTGACATGGCCTCCAGAAACATCTTTGGGAGCCTTTGGT
CTTCTGTGGGATCTCATTGTGGATGGAATCTTCTTTCAGCCTGATGAAGACAAGCACCTGTGGTGGCCCC
TCACTCAAGAAGTCAAGGAGGCATTCCACAGCCTGGGTGCCACAGTCCCTGCTACCCTGTGGGG
CCCTTTTGGCACGGTGGCAGGGTCTTCCAGGCGAGGCTGGCCTGAATGAGAATGAGGAGCAGGACGCT
CCCCAAGAGATTGCCTTGGACATCAGCCTGGGCCACATCTACAAGTTTCTGGCGCTGTGTGCCAGGCC
CAGCCGGGGCCTAACTGATGAGAACCTCATGGGACTGATTGAGCTGCTGTGCCACACAGCCTGGAC
GTGGGGCTCCGCCTGCTGCCAAAGTTGACCTCCAGCAGCTTCTCCTTGTCTCTGGAGAACATCCGG
GAGTGGCCAGGGAAGCTCCAGGAACTGTGCTGCACCTGAGCTGGGTGTCTGACCACCACCAACCTG
CTGGCCCTCGTGCAGTCTTCCAGACATGACCTCCCGGAGCAGGCGGCTTGAAGCCAGCTCAGCCTT
GTGGTCATTGCTCGAATGCTGGCCAGCAGGAGATGCTCCCTCTTGCCAAGAGAAGACCCAGCTGTCC
TCGCTCAGCCGGCTCCTGGCCCTCATGAGGCCATCATCTCTCAGGCAATACCTGGACTCTGTGCCCTTG
CCACCCTGCCAGGAGCAACAGCCAAAGGCTAGTGCCGAGCTAGACCACAAGGCCTGCTACCTGTGCCAC
AGCTTGCTGATGCTGGCCGGGTAGTTGTTAGCTGCCAGGACATCACTCCAGACCAGTGGGGCAGCTG
CAGCTGCTGTGCATGCAGTTGGACCGCCACATCAGCACGAGATCCGGGAGAGCCCCAGGCCATGCAC
CGCACCATGCTCAAGGACCTGGTACCCAGACCTACATCCGTTGGCAGGAGCTGCTGACCCACTGCCAG
CCCCAGGCCAGTATTTAGCCCTGGAAAGACATCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001122646

Insert Size: 2040 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001122646.2</u>
RefSeq Size:	2691 bp
RefSeq ORF:	2040 bp
Locus ID:	51252
UniProt ID:	<u>Q8IXR5</u>
Cytogenetics:	2q11.2
MW:	76.5 kDa