

Product datasheet for SC310845

FER1L6 (NM_001039112) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FER1L6 (NM_001039112) Human Untagged Clone
Tag:	Tag Free
Symbol:	FER1L6
Synonyms:	C8ORFK23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310845 representing NM_001039112. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTTGGGCTGAAGGTGAAGAAGAAGAGAAATAAGGCAGAGAAGGGGTTAATCCTAGCCAAACAAGGCT
GCGAAAGATAGTCAAGGTGACACTGAAGCACTGCAGGAGGAGCCTTCTCACCAGGAAGGACCGAGAGGA
GATTTGGTCCATGATGATGCTTCTATCTTTCTGTCCCCTCAGCTTCTCCAAAGAGAAGATCAAACTG
TTGACTAAGATCCATGATGGGGAGGTGAGATCCCAAAATATCAAATTGCCATAACCATCACCGAGGCT
CGCCAGCTGGTGGGTGAGAACATTGACCCAGTTGTGACCATTGAGATTGGGGATGAGAAGAAGCAAAGC
ACAGTGAAGGAAGGAACCAACAGCCATTTTATAATGAATACTTTGTCTTCGACTTCATTGGGCCCAA
GTGCATCTTTTGAAGATCATCAAAATCTCCGTCTTTCACCACAAGCTGATAGGAAGTACTGATT
GGCTCTTTCAAAGTAGACCTGGGACCGTGTACAACCAACCTGGTCATCAGTTCTGCAACAAGTGGGCC
CTGCTCACAGACCCTGGTGACATCAGGACTGGCACCAAGGGGTACCTGAAATGTGACATCAGTGTGATG
GGAAAAGGTGATGCTTGAAGACCAGCCCTAAAACCTTCTGACACCGAGGAGCCAAATAGAAAAGAACCTT
TTGATCCCAATGGGTTTCCACTGGAGAGACCGTGGGCCAGATTCTATGTGAGACTTACAAAGCAGAA
GGGTTGCCAAAATGAATTCAAGCATCATGGCGAACGTACCAAGGCATTTGTGGGTGACAGTAAGGAC
CTGGTGGATCCCTTTGTGGAGTCTCCTTTGCTGGCAGATGGGGCAACCACAGTGCAGAAGAAGTGT
GCTGATCCTGTGGCATGAACAGGTGATCTTCAAGGAAATGTTCCCTCCCTTGTGCGAGGGTGAAA
ATCCAGGTGTGGGATGAAGGCAGCATGAATGACGTAGCCCTGGCAACCCATTTTCATTGACCTGAAGAAA
ATCTCCAACGAACAGGATGGAGACAAAGCTTTTCTGCCACCTTTGGGCCTGCCTGGATTAACTGTAT
GGCTCGCCAGGAACACAGTCTGATGGATGACTACCAGGAAATGAACGAAGGCTTTGGGAAGGTGTG
TCATTAGGGGCAGAACTTGGTAGAAATTGCTGTGAAATCCTCTCAGGACGGGCACAGGAATCTAAA
TTTTCAAAGGCCCTGAAGGAGCTCAAGTTGCCCTTCAAGGACAAAGACTCCAAATCTTCAAAGGTAAA
GACAAGGCTGACAAAACGAAGATGAAAATCCCAACAGGCTTCAACAAAACAACTCAACCGAGGTG
GAGGTGGAATCGTTCGATGTCCCCCGGAGATTGTACCAGAAAAAATGAGGAATTTTACTCTTTGGA
GCATTTTTGAAGCTACCATGATTGACCGAAGATTGGAGATAAACCCATCAGCTTTGAAGTTTCTATT
```



[View online >](#)

GGTAATTTTGAAACCTGATTGATGGAGGATCCCATCATGGGAGTAAGAAGTCAGCTGAATCAGCTGAA
GAAGACCTCCTTCCACTGCTTACGAAGGGCAAGGGGATGTGGCCCATGATGTTCCCATTCCTATGGCC
TCCACCACTCACCCGGAGAAGCCACTGGTGACAGAAGGGAACAGGAATTACAACATTTGCCATTTGAG
GCTAAGAAGCCCTGTGTCTATTTTCATCAGCTCTTGGGGAGACCAGACCTTCAGGCTGCACTGGTCCAAC
ATGCTGGAGAAAATGGCAGACTTCTGGAAGAAAGTATAGAAGAAGTGAGAGAATTGATCAAGATTTCA
CAGGAGGCACCTGAAGAGAAAATGAAAACAGTGCTCAGTGACTTCATCAGTCGGAGCAGTGCCTTTATC
TCTGAAGCAGAAAAAAGCCCAAGATGTTGAACCAACCCTTTAGATAAGAAGCAGCTACGCTGTGC
TGGCAGGAGCTGGAAGCAATGTGCAAGGAGCCAAAGGGGATCATTAGCAGCAGAAAGAAAAAGTTATCT
GTTGATGAAATGATTCACGAAGCCAAAACTTTGTGAAAAAATCCGCTTTCTTGTGATGAGCCCCAG
CACACTATCCCTGACGTTTTCTCTGGATGCTCAGCAACAACAGGAGAGTGGCCTATGCCCGCATCGCC
TCCAAAGACCTCCTCTATTCCCCTGTGCGGGGCAGATGGGCAAACTGCGGCAAGATCAAAAACCTCAC
TTCCTCAAACCTCCTGGAAACGACCGGCTGGTTGGTCTGTGCAAGCAAAAAGTGCACGTGTACCTGTGG
CTGGGCTCCATCAAGCATGCCAGTGCCATTTTGGACAACCTGCCAGTAGGCTATGAAGCAGAAATGTCC
TCCAAAGGGGCTGGCACCATCACCCCATCTAACCTGCTCTACCAAGAACAGCATGTTTTTCAGCTG
AGGGCTCACATGTACCAAGCCCGGGGCTCATCGCAGCTGACAGCAATGGACTTTTCAGACCTTTTGGC
AAAGTCACGTTCCCTTCTCACTGCCAGACAACAAGATAATCTCCAGACCTCTCTCCGACCTGGAAC
CAGATGCTGCTGTTCAATGATTTGGTGTGTCATGGAGATGTGAAGGAGCTGGCAGAGTCCCCGCCCTTA
GTGGTGGTGGAGCTGTATGACAGCGACGCTGTGGGGAAGCCAGAAATTTGGGTGCCACAGTGGCTGCT
CCTGTTGTGAAGCTGGCTGACCAGGACTATGAGCCCCCAGGTTATGCTATCACCCCATCTTTTGTGGG
AATCTCTCTGGAGGGGATCTCCTTGCTGTATTTGAACTGCTGCAGGTTCTCCTTCTGGGCTGCAAGGC
CTCCCACCGTTGAGCCACCAGACATCACCCAGATCTACCCGTTCTGCCAACATTCGGCCGGTGTCTG
AGCAAAATCCGAGTGGAGGTTCTCTTCTGGGAGTTCGGGAAATGAAGAAGGTGCAGCTCCTCTCTGTG
GATCGGCTCAGGCTCTCATTGAGTGGGAGGACAAGGTGTGAAGTCTGCGTGATCCAGAGCTACAAG
AACAAACCGAACTTCAGATCCAGGCAGACGCTTTCGAAGTGAAGTGCCTGAGAAGCAGCTTCTGCAC
CCGCCACTGAGCATCTGCGTGGTGGACTGGAGAGCTTTTGGGAGGAGTACCCTTGTGGGCACCTACACC
ATCAACTACTGAAGCAGTTTTTGTGTAACCTCAGAGAGCCCCTTGCCCCATCACACAGGTGGATGGA
ACCCAGCTGGGCACGATATTTAGATTCGCTAACAGCCACTGAGTCTCTGGAGCCACAGCTCCTCC
CAGGATCCCCCAGCAGATCACATTTATGTGGATGTTGAGCCACCTCCACAGTGGTGCCGACTCTGCC
CAGGCCACGCGGCCATCCTGGTTGACGTCCTGACTCATCCCCGATGCTGGAGCCTGAACACACACCT
GTAGCCCAGGAGCCACAAAAGATGAAAAACCTAAGGATCCAGGAAGCCTTCCCGGAGGTCACCTAAG
AGGAGAAAAGAGGACCATAGCAGATGAATCTGCTGAAAACGTGATTGACTGGTGGTCTAAGTATTATGCC
TCCTGAAAGAAAGCCAGAAAGGCAAGGAGAGAAAATCCCAAGGGAAAAAAGGCAATACAGAGGCAAG
CCAGATGAGGTAGTGGTAGATATAGAAGATGGGCCAAAGAAGAAGAAAGCAAAAATGCTCAAGAAGAAA
CCCAAAGATGATGGAATCCCAACCTGGCCATCTTGAGATATATGACGGTGTCTCGAGAGTGAATTC
AACAAATTTGAAAGACTGGGTGAAAACCTTTTGGAGCTTTCAGAGGCAAGTCTACGGAAGATGACCATGGT
CTTGATGGAGACCGAGTCATAGGAAAATTAAGGGCTCCTTCTGCATCTACAAAAGCCCCCAGGATTCT
AGCTCTGAGGACAGCGGGCAGCTGAGAAATCCAGCAAGGGATTCCGCCAATCACCTGTACAGTGTCTG
ATCAGAGTATACATTGTGCGGCATTTAATCTTAGTCCAGCTGATCCAGATGGCAAAATCAGATCCCTAC
ATTGTGATCAAGCTTGGCAAGACAGAAAATCAAAGACCCGGATAAATACATCCCTAAACAACCTGAACCCA
GTATTTGGAAGGTCATTTGAGATCCAAGCCACATTCCAAAGAGTCCCTGCTCTCCATCCTGATCTAT
GACCATGACATGATTGGCACAGATGACCTTATTGGTGGAGACCAAGATCGACCTGGAGAACCCTTCTAC
AGCAAACACCGAGCCATCTGTGGCTTGCAGAGCCAGTATGAGATAGAAGGATACAATGCCTGGAGAGAC
ACGTCCAAACCCACCGAAATCCTCACTAAGCTCTGCAAAGACAACAAGCTGGATGGACCCTACTTTCAC
CCTGGGAAAATACAGATAGGAAACCAAGTCTTTTCTGAAAAACTATCTTCACTGAAGAGGACACTGAT
GAGACAGTGGAGTCTTATGAACACCTGGCCCTCAAGGTTTTACTCTTTGGGAGGATATCCCGGAAGTC
GGGTGTAGGCTGGTTCTGAACACATAGAACTCGGCCACTGTACCACAAGGATAAGCCAGGAATGGAG
CAGGGCCGCTGCAGATGTGGTGGACATGTTTCCCAAGGATATGCCTCAACCTGGACCTCCTGTTGAC
ATCTCTCAAGGGACCCAAAGGATACGAATTGAGAGTGACCATCTGGAACACTGAAGATGTCATTTTA
GAGGATGAGAATATCTTACAGGCCAAAAATCAAGTGATATTTATGTGAAAGGGTGGTTAAAGGGCTTG
GAGGATGACAAGCAGGAGACAGATGTGCATTAACTCCCTGACTGGAGAGGGCAACTTCAACTGGCGC
TTCTGTTTCCCTTTCAGTATCTCCAGCTGAGAAGCAAAATGGTCATTACCAAGAGGGAGAACATCTTC
TCTTTAGAGAAGATGGAGTGAAGACTCCTGCTGTGTTGGTGTGTCAGGTTTGGGATTTTGAAGGCTG

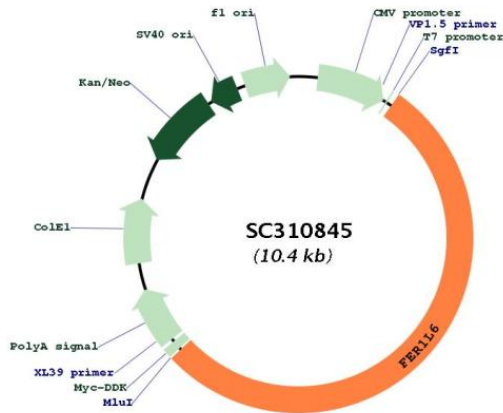
```

TCCTCAGATGACTTCCTGGGCACCCTGGAATGAACCTCAACAGTTTCCCTCGAGCAGCTAAGTCTGCC
AAAGCCTGTGATCTTGCCAAGTTTAAAAATGCAAGTGAGGAGACCAAGATCTCTATATTCCAGCAAAA
CGTGTGCGTGGCTGGTGGCCTTTTTCTAAAAGCAAAGAACTCACAGGCAAGGTTGAAGCTGAGTTCCAC
CTAGTTACAGCAGAAGAAGCTGAGAAAAATCCTGTTGAAAAGCCCGAAAGGAGCCAGAGCCCCTGGCC
AAGCCCAACCGCCAGACACCTCCTTTTCGTGGTTCATGAGCCCTTTAAGTGCCTGTACTACCTCATC
TGAAGAATTACAAAAAGTACATCATCATTGCTTTCATTCTCATCATCTCATCATCTTCCCTCGTCCTT
TTCATCTACACCTTGCCAGGAGCCATCAGCCGAAGGATCGTTGTGGGCTCATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
    
```

Restriction Sites:

Sgfl-Mlul

Plasmid Map:



ACCN:

NM_001039112

Insert Size:

5574 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:

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_001039112.2](#)

RefSeq Size: 6051 bp

RefSeq ORF: 5574 bp

Locus ID: 654463

UniProt ID: [Q2WGJ9](#)

Cytogenetics: 8q24.13

Protein Families: Transmembrane

MW: 209.3 kDa