

Product datasheet for **SC113345**

ERRFI1 (NM_018948) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERRFI1 (NM_018948) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERRFI1
Synonyms:	GENE-33; MIG-6; MIG6; RALT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC113345 sequence for NM_018948 edited (data generated by NextGen Sequencing)

```

ATGTCAATAGCAGGAGTTGCTGCTCAGGAGATCAGAGTCCCATTA AAAA ACTGGATTCTA
CATAATGGCCGAGCCATGGGGAATATGAGGAAGACCTACTGGAGCAGTCGCAGTGAGTTT
AAAAACAAC TTTTTAAATATTGACCCGATAACCATGGCCTACAGTCTGAACTCTTCTGCT
CAGGAGCGCCTAATACCACTTGGGCATGCTTCCAATCTGCTCCGATGAATGGCCACTGC
TTTGACAAAAATGGTCCATCTCAAAAAGTCCAGCTTGCCCCCTCTTCTTATCCCCCAAGT
GAAAACTTGGGACCACATGAAGAGGATCAAGTTGTATGTGTTTTAAGAACTCACAGTG
AATGGGGTTTGTGCTTCCACCCCTCCACTGACACCCATAAAAACTCCCCCTCCCTTTTC
CCCTGTGCCCTCTTTGTGAACGGGTTCTAGGCCTCTCCACCGTTGCCAATCTCTGAA
GCCCTCTCTGGATGACACAGACTGTGAGGTGGAATTCCTAACTAGCTCAGATACAGAC
TTCCTTTTAGAAGACTCTACACTTTCTGATTTCAAATATGATGTTCTGGCAGGCGAAGC
TTCGTTGGGTGTGGACAAATCAACTATGCATATTTTGATACCCAGCTGTTTCTGCAGCA
GATCTCAGCTATGTGCTGACCAAAATGGAGGTGTCCAGATCCAAATCCTCCTCCACCT
CAGACCCACCGAAGATTAAGAAGTCTCATTGGGACCAGCTGGCTCCTTAACAAGCCA
GCCATAAGGATATCCAAC TGTGTATACACAGAGCTTCTCCTAACTCCGATGAAGACAAA
CCTGAGGTTCCCCCAGAGTTCCATACCTCCTAGACCAGTAAAGCCAGATTATAGAAGA
TGGTCAGCAGAAGTTACTTCGAGCACCTATAGTGATGAAGACAGGCCTCCCAAAGTACCG
CCAAGAGAACCTTTGTCACCGAGTAACTCGGCACACCCGAGTCCCAAAGCCTTCCGTCT
TACCTCAATGGGGTATGCCCCGACACAGAGCTTTGCCCTGATCCCAAGTATGTCAGC
AGCAAAGCACTGCAAAGACAGAACAGCGAAGGATCTGCCAGTAAGGTTCTTGCATTCTG
CCCATTATTGAAAATGGGAAGAAGGTTAGTTCAACACATTATTACCTACTACCTGAACGA
CCACCATACCTGGACAAAATGAAAAATTTTTTAGGGAAGCAGAAGAAACAAATGGAGGC
GCCAAAATCCAGCCATTACCTGCTGACTGCGGTATATCTTCAGCCACAGAAAAGCCAGAC
TCAAAAACAAAAATGGATCTGGGTGGCCACGTGAAAGCGTAAACATTTATCCTATGTGTT
TCTCCTTAG
    
```

Clone variation with respect to NM_018948.3

5' Read Nucleotide Sequence:

```

>OriGene 5' read for NM_018948 unedited
CGGAATTTGTAATACGACTCACTATAGGGCGGCNCGGATTTCGGCACGAGGCGGGGCAGC
CGCCGCTCCTCCGGGGGAATGAAAGCTACTGGTTGATTTTAAAGTGCCTGGGCCTCACAG
GTTTGGAGATGTCCAGAATAAGGCACAATGTCAATAGCAGGAGTTGCTGCTCAGGAGAT
CAGAGTCCCATTA AAAA ACTGGATTCTACATAATGGCCGAGCCATGGGGAATATGAGGAA
GACCTACTGGAGCAGTCGCAGTGAGTTTAAAAACAAC TTTTTAAATATTGACCCGATAAC
CATGGCCTACAGTCTGAACTCTTCTGCTCAGGAGCGCCTAATACCACTTGGGCATGCTTC
CAAATCTGCTCCGATGAATGGCCACTGCTTTGCAGAAAATGGTCCATCTCAAAAAGTCCAG
CTTGCCCCCTCTTCTTATCCCCCAAGTAAAACTTGGGACCACATGAAGAGGATCAAGT
TGTATGTGTTTTAAGAACTCACAGTGAATGGGGTTTGTGCTTCCACCCCTCCACTGAC
ACCCATAAAAACTCCCCCTCCCTTTTCCCTGTGCCCTCTTTGTGAACGGNGTTCTAG
GCCTCTCCACCGTTGCCAATCTCTGAAGCCCTCTCTCTGGATGACACAGACTGTGAGGT
GGAATTCCTAACTAGCTCAGATACAGACTTCTTTTAGAAGACTCTACACTNCTGATTT
CAAATATGATGTTCTGGCANGCGAAGCTTCCGTGGGTGTGGACAAATCAACTATGCATA
TTTTGATACCCAGCTGTTTCTGCAGCAGATCTCAGCTATGTGTCTGACCAAAATGGANG
TGTCCCCAGATCCAATNCTNCTNCACTCAGACCCACCGAGATTAGAAGGTCTCATTCCG
NACAGCNNTGCTCTTTNACAGCAGCATAGGATTNCACTGTGATACCAGAGCTCTCTACT
CGATGAGACAAC TGGG
    
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018948 unedited NTTTAGCTTGNCCGCGGCCGCAATCTANGATCGGTTTTTTTTTTTTTTTTTTTTTAAAGTAT TATAACTTTATTAATAAGAAAAGAAAATATTCAAATAATGCAACAAAATGAATAAAATC CTTTGTCCAATACTGTACACATAATGCAGAAATCAGTGCAATTTTCTTAAGCATGTTTTA ACCTTCATTTAGTTCATACTAAAATAATAAGCTTTAAATAGCTCAAATAATATTCAGC AGTTTAAACTGTAAACAGCTTGTTAACTGTTAAGAGAACATTGCAGTAATGTACCTCTG TTAGTGAGCACCTTCTCTTCTGTGCTTATCTCTCAAGATAAATACATGGAAGGATGTGA AAATCGGAACACCAACTATGTGTCTCACTGCATCTAAGTGAAGCAGCCACAGCTGTGAGA GTTTTCAAAGCAGAAAGATGCTGATGTGACCTCTGGAATTCAGACATACTGAGCTATGGG TCAGAAGTGTTTTACTTAAAAAGCAAACAATCCCCAGGAAATACTGAATAGGAACAGCA ACACAAGGCCAGCTTGTGTTGTATGTTTATTAATACAGTCTAAAAAAAAAAGCAAAACC ACAACACACATCCCCAAACAATAACTCTCAATCACATAGCTAATTGCTTCATTATTTTGT AAAACTGACATCCTAACACTGGCACCTAGAATACTTTTCCATCTGAGTCTAACGTACCC ACTGCCTCTAATACGGCCCGCACTACGATGAGCTACTTCAGTGGGTGGGACCAAGCANGA ACTGTAAGGGAAAATAGTCACTAGTTCTATTATCNGTTTATTTTTCAAGAGTGTGACAGG TACAGGTGACANTATGGNTGCCAAGTACCTGCTTCTCCTCACAGACGCACATGAAAC TGNNAGTTGAGGCTGGTATGATTTTACCTAGA
Restriction Sites:	NotI-NotI
ACCN:	NM_018948
Insert Size:	3100 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:	<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_018948.2</u> , <u>NP_061821.1</u>
RefSeq Size:	3099 bp
RefSeq ORF:	1389 bp
Locus ID:	54206
UniProt ID:	<u>Q9UJM3</u>
Cytogenetics:	1p36.23

Gene Summary:

ERRF11 is a cytoplasmic protein whose expression is upregulated with cell growth (Wick et al., 1995 [PubMed 7641805]). It shares significant homology with the protein product of rat gene-33, which is induced during cell stress and mediates cell signaling (Makkinje et al., 2000 [PubMed 10749885]; Fiorentino et al., 2000 [PubMed 11003669]).[supplied by OMIM, Mar 2008]