

## Product datasheet for **MC221351**

### Ankfn1 (NM\_001080933) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ankfn1 (NM_001080933) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankfn1
Synonyms:	Gm1175
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221351 representing NM\_001080933  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCACGAATAGGAAGGAGTTGCTTTCGCGCAGAGGCTGAGCTACAGGAGAAAGCAGAGCCAAT  
 GTGATTTATTGAATGAAAGCACTGGACACTTACCAGCAACTTGTTCCCTCTGCTGCCTCGAAGAGCTTAAG  
 CTGGAACACTGCTCGAAAATGACCCAGCAAAATGCAGAACTTACATCTTCCAGTCAAAAAACACAGT  
 GCTCCATCGTCTCCCAATGCTGCCAAGCGACTGTACAGGAACCTCTCGGAGAAGCTGAAGGGCAGTCACT  
 CGTCTTTGATGAGGCCTATTTAGAACAAGAACGGATCGGCTGAGTCTCAGAAAGACTTCTGTGAACCT  
 CCAGGGCAACGAAGCCATGTTTGAGGCAGTTGAGCAACAGGACCTAGATGCTGTGCAACTCTCTCTAC  
 CAATATACACCGAAGAAGTCTGATCTGAACACACCGAACAGCGAAGGGCTGACACCCCTGGACATCGCCA  
 TCATGACCAACAACGTGCCATTGCGAGGATTCTTCTCGGACAGGAGCCAGAGAAAGTCCGCACCTTTGT  
 CAGCCTGGAGAGCCGAGCAATGCATCTCAACACTTAGTTTCAGGAGGCCAGGACAGGGTGTGAGCTG  
 TCTGCACAGGTGGAAGTGAAGGCTTACCCTGGACAACACAGAGAAAGAGAAGCAGCTGAAGGCCTGGG  
 AGTGGAGGTACCGGCTCTACCGGCGCATGAAAAGTGGCTTCAACATGCCCGAGCCAGAGGTGCCAGC  
 CAATGCCTGTCTCATGGTAAGCAGCAGCAGTCCCTAACGGTCAAGGCTTTCAGAGCCCTCAGTGTCAAC  
 GCAGCCGTAGTGACCAGGTACAAAGTGGAAATGGAGCATGTCTAAAGACTTTCCCGTGGCTGGGGAGA  
 TCATCATGGATAACCTGCAGACCTGAGGTGTACAATCACAGGACTCACACGGGCAACAGTATTTTGT  
 TCAAGTCTCAGTTACAACATGAAAGGATGGGGACCAGCTCAGACCACAACGCCAGTGTGTGCCTCCCC  
 TCCAAGTGGAAAGACTATGACGACAGAGAGCCAGACACAAGGGACAGAGTGAGGTTCTGGAGACCTAC  
 TGCAGCAAGTCCGAGCCCTTCAATCAGCATTACAGCTGCCGGAAAGCTCAAAAGTCAAAACACAGGCCG  
 CAAGCAGTCGGTGTCCAGGAGCCTGAAGACCTATTTCAATTCCTCAAAACAAGTTCGTGAAGACCTGAAA  
 CGAGGACTTTACATAGCCACTATATTTTATTATAAAGACAATATGTTAGTCACCAATGAAGACCAATAC  
 CAATTGTTGAAATAGATGACTCTCACACCAGTTCTATTACACAAGACTTTCTGTGGTTCATGAAGCTGTC  
 TTGTATGTGGAAAGACATCAGGTGGCTGAGGCAAGCGTGCCCATATCCATGTCTCGTCCACTGTGCTG  
 CAAACTCGGCAAAAGATGCTTGTGCCACAGCTCAGCTACAGAATTTACTTGAACACACAACCTGGGAA  
 GACTTTACTATGAGCCCATTAAGATCGCCATGGCAACATTCTCATAGTTACCATCAGAGAAGTGGAGAT  
 GCTTTATTCCTTTTTAATGGCAAATGGATGCAAATCTCAAAAGTCAAAAGCCAGAGGAAGTCTCTGTCA  
 ACACCCGAAGAGCCAACAGCCTTAGATATTTACTAATAACCATCCAGGATATTCTGTCTACCACAAGA  
 GGAGCCATCAGCGCTCTCACCTGGACTGTATCTAGGTTACCTAAAGCTGTGTAGCTCTGTGGATCAGAT  
 CAAAGTGTCTGTAACCCAAAAGTACCCAACTTCTCTGCCACGTGAAGATCCGTGAAAACCAACATT  
 TCCAAAGAGGAGTGGGAGTGGATCCAAAAGCTTCTGGCTCTGAGTCTATGGAAAGTGTGGATCATAATG  
 CTGACTGCCCCATGCAATTGTTCTTCTACGAGCTCCAGATGGCAGTGGCGGCTCTCTGAAGCAGATCAA  
 TATACCTCGACACCAGGCAAGGAACTCCGCCTCTACACACAGGAGGTGTTGGAAATTGGTCACAATGTG  
 TCCTTTCTTCTTGTCTCCCTGCCTCAGACGAGTCTGTACAGCCCCAGGACAGAATAATCCTTACACCC  
 CGCACTCAGGGTTTCTTAACCTCCCTCTCAGATGTTTGAAGTCCGGTATAGTAGCTTGTTCACCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001080933

**Insert Size:** 2238 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001080933.1, NP_001074402.1</u>
<b>RefSeq Size:</b>	2238 bp
<b>RefSeq ORF:</b>	2238 bp
<b>Locus ID:</b>	382543
<b>Cytogenetics:</b>	11 C