

Product datasheet for **MC221539**

Ankef1 (NM_175667) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankef1 (NM_175667) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankef1
Synonyms:	Ankrd5; AV276460
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221539 representing NM_175667
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTTGGCAGACAAGAGACTTGAGAACTTACAGATCTACAGATTCTTCAGTGTGTTGCAACAAG
 ACAAGAAGCAGATAGAAAAGCTGACCAGGCTTGGGTACCCTGAGCTAATCAACTTCACCGAACCCATAGA
 TGGGCTGAGTGCTCTCCACTTAGCTCCATTTCCAACGACACTGACATGGTCAGCTTCTCCTCAA
 GGTGCGCATCCTGATGTGCAAGACCACATGGGCTGTACCCCGACCATGAGAGCTGCCGAGCTGGCCATG
 AGTTGTCAATGGAATTTAGCCAAGGCCAAAGCTGATATGACAATAGTTGATAATGAAGAAAAGGTGT
 TCTGTTTTACTGCATCCTGCCACTAAGCGGCACTATCGATGCTCACTGATTGCCTTGGAGCATGGTGCA
 GATGTCAACAATACACCTATGAAGGGAAGCCAGTGTTCCTCAGAGCTTGCAGGAAGCAGATGATGGA
 AGGATATGTCCCTGACATTTTGGAGAAAGGAGCCAATCTAATGCTATCAACACATCCACAGGACGCAC
 GGCTTTGATGGAATCGTCAAGAGAAGGGGTGCTGAAAATAGTTCTGTCGCATATTGAAAGAGGAGGTGAA
 GTGAACGCATATGACAATGATAGACACCAGCTGCTCATTTTGTGCCAAAGGAGGCTTTTTTATATTC
 TGAAGCTCCTCTTTCCTACAATGGAGACATGGGGTAAATTGGAATGGATGGGAACACACCACTTCACTT
 TGCTGCCATGGGGGTTTTGCAGATTGCTGTAATATATAGCTCAGCGAGGATGTGACCTGAAATGGAAA
 AATTTGGAACATAAAACACCCGAGTTGTGGCGAAAGACGGAGGCTTTAAAGCTGTAGCAAGGAAATAC
 GTGCGAGCAGAGCGGACTGCCGCTAAACTCGTAAGACAGGAGCAAAAAATCTAACCCCTCTCTGGGCCCT
 CAGGCTGCATGACTGGTCCATAGAGCAGAGACTTCCCTTCGGAACGCCTTTAAGTTCGTGGACAGGGGC
 GATGGCGTAGTCAGCAAAGATGACTTCGTGGTGGCCCTGGAGGAGGCAAGAGTATGCCACCTCAGAGC
 AGTTGCTTTCCGTTGCTCAAATGCAGAAAAAAGTCGAGGAGCGGGGTCAACATTAATGAGTTCTTTAA
 GGAACCAAATATTTAAGCAAGTCGTACGTATTGGGATCTTTCGGGCCTAAGAAAAAGAAAAGGGGTTG
 GGCAAAAAGCAAAGGAAAGGCAAGTTTGTTCCTCTCCCATCTGCACCATCCCGGAGAACGCCTTCC
 CGCGGGCGCCAGATGGGGCCCGCCCTACTACATGATTGAGACCTACCAGAATGTCTCCGACAGCCACAG
 GTTCAACCGGGACCACCCGCCGAGCACCAATCCAGGATGATTCGAGTGGTACATCGATGATCCGAGT
 AGGGTCTTCGCAATATTAGTTTTATCACCAGCAGGAGATCTGGCCTCTCTGAAAAGGCCATCGAAA
 CAGGAATACCCGTGGATGAAGGACAATACTTACAAGACTCCTCTCATGATAGCGTGTGCCAGTGGCAA
 CATTGATGTGGTCAAGTTTCTTATCGAAAAGGGGCAAAATGTTAATGCAACAGATAATTTTCTATGGACT
 CCACTTCATTTTGCATGCCATGTGGCCAGCAAGACATTTGTTGAGCTTCTTGTAAAGCTGGAGCTTCAA
 TAGATGCAACATCAATCAACAATCCACTCCGTTAAGCAGAGCCATTGAAAGCTGTAGGCTGGACACTGT
 AAAATACCTACTTGATATGGGTGCCAAATTCAGATTGAAAACAGAAAAGGACATGCTGCCATGGATATT
 GCAAAGGCATATGCTGATTATAGAATAATTGATATGATAAAAGAAAAGCTAGATAACCTGCCTAAACAAG
 CAGATAATCAGAAAATGAAAGGCAAGCTTCTAAACTGAAGACAGAAAGGCACGGATGTTAAGAAAGAGA
 GGAAACTGTGATCCATTTACTGTGCCAGCAATAACAGAGGAGAAGAAAAGTCCACAGGGATAGTGTG
 GTTTACCTCAATTCCTGATTACCAGTGGCTTACCAAGAAAGTTGATATCACATTTATCCCCAAAAGGA
 TTTGGAGTCTGAAGCCACAACAGCAGAGCTGATCAGGAAGAGGGAGCTCCGGAGGGAGAGGTTACATA
 CGAGGTGGACTTTGAAGACTTCATGATGCCTTTCCAAAAGAACATCACGGAGAAAAGCTCAGGCACTGGAG
 GCAACACTCAAGAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175667
Insert Size: 2328 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:	NM_175667.4 , NP_783598.1
RefSeq Size:	2723 bp
RefSeq ORF:	2328 bp
Locus ID:	319196
UniProt ID:	Q9D2J7
Cytogenetics:	2 F3