

Product datasheet for **MC221340**

Ankk1 (NM_172922) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ankk1 (NM_172922) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ankk1 |
| Synonyms: | 9930020N01Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC221340 representing NM_172922
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGCCACACAGAGCCAGGAGGCTTCTGAACCCCATGGCAGTCGGTCCCTTGGCGCAGCAGCTGGGCA
 GCCTCACCGTCTTCACGAGGGATGATTTTGAGGAAGAATGGCACCTAGTAGCCAGTGGTGGCTTCAGCAA
 GGTGTTCCAGGCGAGGCACAAGCGCTGGAGGACCCAGTACGCCATCAAGTCTCCCGTGCCTCCAGAAG
 GAAACCACCAGCTCTGAGGTGACCTGCCTCTTTGAAGAAGCAGTCAAAATGGAGAAGATTAAGTTTCAAC
 ACATCGTGTCCATCTATGGGGTCTGTAAGCAGCCCTGGGCATTGTGATGGAGTTCATGGCCAGTGGTTC
 CCTGGAGAAGACACTACCTACCCACAGCCTCTGCTGGCCACTCAAGCTCCGCATCATCCATGAGACCAGC
 TTGGCCATGAACCTCCTCCACAGCATTAGCCACCCTGCTCCACCTGGACCTTAAGCCAGGCAACATCC
 TGCTGGACAACAACATGCATGTCAAGATTTCCGATTTTGGCCTGTCCAAGTGGATGGAGCAGTCAACTCA
 GAAGCAGTACATTGAGAGATCAGCTCTGAGGGGACACTCAGCTACATCCCTCCTGAAATGTTTCTGGAG
 AATAACAAGGCTCCGGGGCTGAATATGATGTGTACAGCTTTGCAATTGCATCTGGGAGATTCTACTC
 AGAAGAAACCCTATGCAGGGCTCAATATGATGACTATTATCATCCGGGTAGCTGCAGGCATGAGGCCCTC
 CTTGCAGGATGTCTGTGAGTGGCCAGAGGAGTACATCAAATGGTGAACCTGATGAAGCGCTGTTGG
 GACCAAGACCCCAAGAAGAGGCCATGTTTCTAAATGTGGCCGTCGAGACAGACATGCTACTGTCCTGT
 TCCAGAGCCCCATGACAGACCCTGGGTGTGAAGCCCTGACCCAGAAGGTGTCTTGCAAGCCATCGCTGAG
 CCAACCCCAAGGTGAGCAAGGAGTCAACCAGGAGATTGCAGACAGTGTCTCAAGTACTCCTTGAAG
 TGGATCCTACAGCTCTCTGACAGCAAGAGCTTGGTCGCAAGTGTCTACGAGAATAGGGTACTCCCC
 TACACTTTCTAGTGGCCGAGGACAGCTTGAACAGGTGAGGCTGCTGCTGCCACGACGTTGATGTAGA
 TTGCCAGACAGCCTCTGGCTATACGCCACTCCTCATTGGCACCCAGGACCAGCAGCCTGACCTGTGTGCC
 CTGCTCCTGGCACATGGTGTGATACCAACCTGGCAGACGAAGATGGCTGGGCCCCACTGCATTTTGCAG
 CCCAGAATGGGGATGACCACACTGCCCGTCTGCTCCTGGACCACGGGGCCCTGGTGAATGCACGGGAGCA
 CGAGGGCTGGACCCCACTCCACCTGGCTGCACAGAACAACCTTTGAGAATGTGGCACGGCTTCTGGTCTCC
 CGTCAGGCTGACCTCAGCCACACGAGGCTGAAGGCAAGACTCCCTTTCATGTTGCAGCCTACTTTGGTC
 ACATTGGCTTGGTCAAGCTTCTGTCAGGACAGGGAGCAGAGCTGGATGCTCAGCAGAGAAACCTGAGGAC
 ACCCTGCACCTAGCAGTGGAGAGGGGAAAGTGAAGCCATTCAGCACCTGCTAAAATGTGGGGCACTC
 CCTGATGCCCTTGACCACAGCGGCTACAGCCCTTTGCACATTGCTGCAGCCAGGGCAAGGACCTTATCT
 TTAAGATGCTTCTCAGATATGGAGCCAGCCTTGAGCTACGCACACAACAGGGATGGACACCCCTGCACCT
 AGCCACTTACAAGGGTCACTGGAGATCATCCATCAGTTGGCCAAGAGCCATGTAGACCTAGATGCTCTT
 GGAAGTATGCAATGGACTCCCCTGCACCTGGCTGCCTTCCAAGGGGAGGAGGGGGTGTGCTGGCACTGC
 TACAGTGTGGGGCAACCCCAATGCTGCTGAGCAGTCAAGGCTGGACTCCTCTCCATCTGGCAGTGCATAA
 AGGAACCTTCTGGGCATCACCCACCTTCTGGAGTATGGTGTGACATCCATGCTTGAACAAGGTGGGC
 TGGACACCTGCCACCTGGCTGCTCAAGGGCAACACAGCCATCCTCAAAGTTCTAGTTAAAGCTGCTG
 CACAGGTGGATGTCAAGGGTGGAGTTAGCTGCACACCCCTGCAGCTGGCCATCCACAGCCCAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172922

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).

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| 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_172922.3</u> , <u>NP_766510.1</u> |
| RefSeq Size: | 2686 bp |
| RefSeq ORF: | 2238 bp |
| Locus ID: | 244859 |
| UniProt ID: | <u>Q8BZ25</u> |
| Cytogenetics: | 9 A5.3 |