

Product datasheet for **RN202302**

Ankef1 (NM_001106516) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankef1 (NM_001106516) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankef1
Synonyms:	Ankrd5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202302 representing NM_001106516
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTTAGCAGACAAGAGACTTGAGAACTTACAGATCTACAGATTCTTCAGTGTGTTGCAACAAG
 ACAAGAAGCAGATAGAGAAGCTGACCAAGCTTGGATACCCTGAGCTCATCAACTTACTGAACCCATTGA
 TGGACTGAGTGCTCTCCACTTAGCCTCCGTCTCCAATGATATTGACATGGTTAGCTTTCTCCTTGACTT
 GGTGCTCATCCTGATGTGCAAGACCACATGGGCTGTACCCCGACCATGAGAGCTGCGGAGCTGGGCCATG
 AACTGTCAATGGAAATCTTAGCCAAAGCCAAAGCTGATATGACAATAGTTGATAATGAAGGAAAAGGTGT
 GTTGTTTTATTGCATCTTGCCACGAAGCGGCCTTTCGATGTTACAGATTGCCTTGGAACACGGTGCA
 GATGTCAACAATACACCTACGAAGGGAAGCCAGTGTTCCTCAGAGCTTGCAGGGAAGCACACGATGTGA
 AGGACATGTCCGACATTTTGGAGAAAGGAGCCAATCCTAATGCTATCAACACATCCACAGGGCGCAC
 GGCTTTGATGGAGTCATCAAGAGAAGGGGTTCTGGAAGTGTTCGAGGCATATTGGAGAGAGGAGGTGAA
 GTGAATACATTCGACAACGATAGACACAACGCTGCTATTTTGGCTGCCAAAGGAGGCTTTTTTGATATAC
 TGAAGCTCCTCTTCGCATACAGTGGAGAAATGGGGTAAATAGGAATGGACGGGAACACACCACTTCATTT
 TGCTGCTATGGGTGGCTTTGCAGATTGCTGTAATATATAGCTCAGCGAGGATGTGACTTGAAATGGAAA
 AATTTGGAACATAAAACACCCCGAATGGTGGCGAAAGATGGAGGCTTCAAAGCTGCTAGCAAGGAAATTC
 GTCGAGCAGAGCGGACTGCAGCTAAACTCGCTAAGCCAGGAGTAAAAATCCTAACCCACTCTGGGCCCT
 CAGGCTGCACGACTGGTCCATAGAGCACGAGTCTCCCTCGGGAGGCCCTTAGCTTCGTGGACAGGGGC
 GATGGGGTGGTCAGCAAAGATGACTTCGTGCTGGCCCTGGAGGAGAGGCAAGAGTTGCCACCCAGAGC
 AGTTGCTTTCTGTTGCTCAAATGCACGAAAAAGCCGAGGAGTGGGGTGAACATTAACGACTTCTTTAA
 GGAACCAAATACTTAAGCAAGTCTTTTGTCTTGGGATCTTTTGGGCCTAAGAAAAAGAAAAAGGGTTG
 GGCAAAAAGCAAAGGAAAGGCAAGTTTGTTCCTCCTCCCATTTGTACCATCCCTGAGAAATGCCTTTC
 CGAGGCGGCCAGATGGGGGCCACCTTACTACATGGTTGAGACCTACCAGAATGTCACCGACACCAACAG
 GTTCAACCGGGACCACCCGCTGAGCACCCATCCAGGACGATCCGAATGGTACATCGATGATCCGAAT
 AGGGTCTTTGCAAAATTAATTTTATCACCAAAGCAGGAGACCTGGCCTCTCTGAAAAAGGCCTTCGAAG
 CAGGAATACCTGTGGATATGAAGGACAACACTACAAGACTCCCCTCATGACAGCGTGTGCCAGCGGCAA
 CATTGATGTGGTCAAGTTTCTTCTGAAAGGGGGCAAATGTTAATGCAACAGACAATTTCTGTGGACT
 CCACTTCATTTTGCCTGATGCTGGCCAGCAAGACATTTGTCGAGCTTCTGTTCAATCTGGAGCTGTAA
 TAGATGCCTCATCAATCAACAATCCACTCCGCTAAGCAGAGCCATTGAGAGCTGTAGACTGGACTGT
 AAAATACCTACTTGATAATGGCGCCAAATTCAGACGGAAAACAGAAAAGGACATGCTGCCATGGATATT
 GCAAAGGCATATGCTGATTATAGAATAATTGATATGATAAAAGAAAAACTAGATGAACTGCCCAAACCAA
 CAGATAATCAAAAAATGAAAAGCAAGCTTCTAAACTGAAGACAGAAGGCACAGATGTTAAGAAAGAGA
 GGAACACTGTCAATTTACTGTGCCAGCAATAACAGAGGAGAAGAAAAATACACAGGGATAATGTG
 GTTTACCTCAATCTCTGATTACCAAGTGGCTTCACTAAGAAAGTGGATATCACATTTATCCCTAAAAGGA
 TTTGGAGTCTGAAGCCACAACAGCACAGCTGATCAGGAAGAGGGAACCTCCGAGAGAGAGGTTACATA
 TGAGGTGGACTTTGAAGACTTCATGATGCCTTTCCAAAAGAACATCACAGAGAAAGCTCAGGCACTGGAA
 TCAATGCTCAAGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001106516
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:	<u>NM_001106516.1</u> , <u>NP_001099986.1</u>
RefSeq Size:	3100 bp
RefSeq ORF:	2328 bp
Locus ID:	296184
Cytogenetics:	3q36