

Product datasheet for **SC108806**

ANKRD57 (SOWAHC) (NM_023016) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD57 (SOWAHC) (NM_023016) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD57
Synonyms:	ANKRD57; C2orf26
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC108806 sequence for NM_023016 edited (data generated by NextGen Sequencing)

```
ATGGAGGGGCGGCGAGTGGGGCCCCGAGGCGGCGCTGGGCCCCGAGGCGGTGCTGCGC
TTCCTGGCGGAGCGCGGGGGCCGGGCCCTGCACGCCGAGCTGGTGACACTTCAGGGGC
GCCCTGGGCGGCGAACCAGGAGCAGCGCGCCCGCGCCCGCGCGCACTTCAAGGAGCTGGTG
AACGCCGTGGCCACTGTGCGCGTCGATCCCGCCGACGGCGCCAAGTACGTGCACCTCAAG
AAGAGTTCTGTGAAGGGCCGTCCGAGCCCTCCGGGGACCCGCGCGAATCCAGGTGACC
GCCGAGCCCGAGGCCCGACGGCCCTGCCGGGGCCGAGGCGCGCGATCGGCTCCCCGAC
GCGGCGGCCCCGAGTGCCTCCCTGGACAGGGCCGCGAGCTGGGCGAGGAGAGCCCCC
GCCCCCGCGCACTGGCCGCCCTGAGCGCGGGGCTCGCAGGAAGAACTCGCGGCGCGAC
GTGACGCCCTACCGGGACTCCAGCCCCGGGGCCAGCAGGACCTGGAGCTCCCGCCA
CATGGCTGCGAGGAGGCGGACAGGGGAGCTCCCTTGTGGGGGCTACCGCACAGAGGCCG
GCCCGCCAGAACCTCCGTGACCTGGTGATGGGAGCTCCCGCAGCTGAAGAGGAGCGTG
TGTCGCCGGGGGACAGCGCCGGGAGCTCCTCCGGGGAGGACGCGGCGAGGCGGGGGC
GACTCAGACAGCGCATCGGTGGCTCGTCGTCCGCGAGGAGGAGAGCAGCGGCGGAGGC
TCCGTGACGCTGGACCCCTGGAGCACGCGTGATGCTCTCTGCCTCCGATGGCAAGTGG
GACAGCTGGAGGGCTTGCTCACCTGCGAGCCCGGCTGCTGGTCAAGCGGGACTTCATT
ACCGGCTTCACTTGCTGCACTGGGCGCCAAGCACGGCAGGAGGCTTCTGGCCATG
CTAGTCAACTTCGCCAACAAACACAGCTGCCGGTGAACATCGACGCCAGGACGAGCGGG
GGTTACACCGCCCTGCACTTGGCAGCCATGCACGGCCAGTGGAGGTGGTGAAGTGCTG
GTGGGGGCTACGACGCCGATGTGGACATCAGGACTACAGTGGGAAAAAGGCTCCAG
TACCTGAGTCGGAGCATCGCCGAGGAGATCAAGAACCTGGTGGGAGCCCTGGACGAGGT
GACGGGAAAGCGCCGCGGTAGCGGCGCGGGCGCTGGAGGCTTTCAAAGGTGCTTCCC
TCGCATCTCATCACCTACAACTCTCACACGCCCTAGAAGATGGAGGGGACCATCACAC
CATCACTCGCTGAGGGGTGGTTCGAGGCAAGGCCAAGGATCCAGGCGCAAGGCC
TCGGGAGCTCTAGTGGAGGTATAAAACCCAGACTCAACAAAATCCGATTGAGACCCAG
ATCGTCCACACACACCTCTTTAGGGACCCAGAGCAGCGCTGGAGGGCAGGGGGGAG
GAGGGAGTGGGGAGGAACGACCTGTAAAGGCCACTCGCCCTTACATTGAGACCAAG
TCCAATGTATTTGGGTAA
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Clone variation with respect to NM_023016.3
126 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_023016 unedited

```
AGGGCGGCGCCGATTCCGACAGAGGGAGTCTCTGGCCTCAGACGCGTAGGCTGGCAGC
CCGCTGAGCCCGCCAGACTCCGCCCGCTCGGGAGCCGGCCGCTGGGAGCCCGTCTGCTAT
GGGACCGCGCTGAGCCGCCCGCTGGCGGGGAGCAGCGCGTTCGAGGATGGAGGGCCCG
CAGAGTGGGGCCCGAGGCGGCGCTGGGCCCCGAGGCGGTGCTGCGCTTCTTGGCGGAGC
GCGGGGGCCGGCCCTGCACGCCGAGCTGGTGCAGCACTTCAGGGGCGCCCTGGGCGGCG
AACCGGAGCAGCGCGCCCGCGCCGCGCACTTCAAGGAGCTGGTGAACGCCGTGGCCA
CTGTGCGCGTCGATCCCGCCGACGGCGCCAAGTACGTGCACCTCAGNAAGAGGTTCTGTG
AAGGGCCGTCCGAGCCCTCCGGGACCCGCGCAATCCAGGTGACCGCCGAGCCCGAGG
CCCCNCGACGGCCCTGCCGGGCCGAGGCGCGCATCGGCTCCCCGACGCGGCGGCCCCG
GAGTCGCTCCCTGGACAGGGCCGCGAGCTGGGCGAGGGANAGCCNNCCGCCCCCGCGCAC
TGCCGNCCTGAGCGCCGGGGCTCGCANGAAGAACTCGCGGCGCGACGTGCAGCCCTA
CCGCGGACTCCAGCCCCGGGGCCCAACCGAAGACCTGGAGCTCCCGCCACATGGCTGCNA
GGGAGCCGACAGGGGCAACTCCTTTGGGGGGGGTACCNGACAGTAGCCGGGCGGCCAGA
ACCTCCGTGACCTGGGTGATGGCAACTCCCCGCACTGATAAGGAACGGTGGTCCCGGGG
GGATNATCCGGGCGAGCTCTCCGGGGGAGGACCCGAAAAAGGGGGGGCGACTTAAACAGG
CATTGGGGGCTTGTGACCAGA
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_023016 unedited <pre> CTTGGCCGCGGCCGCATCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTTGGAGACAGAGT CTCCGTTGCCAGGCTGGAGTGCAGTGTCTGATCTTGGCTCAACTGCAACCTCCACCTC TCAGGTTTAAGTGATTCTCATGCCTCAGCCTCCTAAGTAGCTGGGACTACAGGCACGCAC CACCACGCTCGGCTAATTTTTGTATTTTAGTAGAGACAGGTTTTCACCATGTTGGCCAG GCTGGTTTCAAACCTCCTGGCCTCAAGCGATCCACCTGCCTCGGGCTCCCAAAGTGCTGGG ATTACAGGCATGAGCCACCATGCCTGGCCTTTCATCCATCTTTAAACAAATTCAATGACC ATCTAGAGACAGATGTGACCAAAGTGTACAAATTTCTATGCCTTTTCTATGAATCGCCC TGCGCAGTTCACACATGGGTTTCATTACCCCGCAGGCTGTGAACCTTCTTATCCTGTAGG CTGCAGGCACTTAGGTTTATCAACTACGCGACCCAAACACCAAAGGAGGACCTGTTTA CATTATTCCTCTCCACAACGTTTCCCCCTTATAACCAACCGATCCAATATGCCTGTGG GTAAATCTTAACGTAGTTATGAAGCCATTCACTCCACTACCAATGAATGAAGTGTCCCT TCCAACCATACTAACCAGGACCTACTCTTAATGAACGGCATCTCTATTTATCTCCCC CGGACACCCCCCAGCCTTCACAATAGAAATCGCCCCACATTCTCCTTATCCCCTCTATCA ATGCCCTCTAACCAGTTTATTTACTACCCCAATCCCGTTACACACGACAGGCTCCTAA TTGCCCGGAACGTTGGGAACATATGTAACTTCTCCCCCGGAAACACGCCCCGCCTT CTAACCCCTCGCTTTTATCCACCCGCCCCTCCCAAACACTTATCGCTTTCCACCT TCCCGAACCGCCN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_023016
Insert Size:	3870 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:	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_023016.2, NP_075392.2</u>
RefSeq Size:	4700 bp
RefSeq ORF:	1578 bp
Locus ID:	65124
UniProt ID:	<u>Q53LP3</u>
Cytogenetics:	2q13