

Product datasheet for **SC109347**

ANKRD13C (NM_030816) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD13C (NM_030816) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD13C
Synonyms:	dj677H15.3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC109347 sequence for NM_030816 edited (data generated by NextGen Sequencing)

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ATGACCGGGGAGAAGATCCGCTCACTGCGGAGGGACCACAAGCCAGCAAGAAGAAGGG
GACCTGCTGGAGCCCGGGGATGAGGAAGCGGCGCTGCCCTCGGCGGTACCTTTACCAGA
AGCAGGATTGGCAAGGGCGGCAAGCTTGTCTAAGATCTTCAGTAACCATCACCACCGG
CTACAGCTGAAGGCAGCTCCGGCCTCCTCCAATCCCCCGGCGCCCGGCTCTGCCGCTG
CACAAATTCCTCCGTGACTGCCAACTCCAGTCCCCGGCCCTTCTGGCCGGCACCAACCCC
GTTGCTGTCGTCGCGGATGGAGGCAGTTGCCCGCACACTACCCGGTGACGAGTGCGTC
TTCAAGGGGGATGTGAGGAGACTCTCTCTCATCCGCACGCACAATATCGGGCAGAAA
GATAATCACGAAATACTCCTTTACACCTTGCTGTGATGTTAGGAAATAAAGAATGTGCC
CATTTACTTTTGCTCACAATGCTCCAGTCAAGGTGAAAAATGCTCAGGGATGGAGCCCT
CTGGCGGAAGCCATCAGCTATGGAGATAGGCAGATGATTACAGCTCTTTTGAGGAAGCTT
AAGCAGCAATCCAGGGAAGTGTGAAGAAAAACGACCTCGATTATTAAGCCCTGAA
GAGCTAGGTGACTTTTATCTAGAACTTCACTGGGATTTTCAAAGCTGGGTGCCTTTACTT
TCCCGAATTCTGCCTCCGATGCATGTAATATACAAACAAGGTATCAATATCAGGCTT
GACACAATCTCTAGACTTTACTGACATGAAGTGCCAACGAGGGGATCTAAGCTTCATT
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TATCAGCGAATACATCATGAGGAATCAGAGATGGAACAGAGAAGAGGTGGATATTTTA
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CAGACAGGATGGCTTTTTCGGGAAGATAAAACAGAAAGAGTAGGAAACTTTTGGCAGAC
TTTTACCTGGTGAATGGACTTGTGTTTGAATCAAGGAAAAGAAGAGAATCTCAGTGAA
GAGGATATTTCTGAAATAAGGCCATCATGGAGAGTTTGAAGTAAAGGTGGAAACATAATG
GAACAGAAATTTGAGCCGATTGGAAGACAGTCTTTACACCTCCTCTCAGAACACTATT
ACATGGGAAGAAATATATCTGCTGAAAATGGAAGAGTCTCATCTGGGTAGAGAATTG
GTGTGCAAGAGAGTAAGAAAACGTTTAAAGCTACGATAGCCATGAGCCAGGAATTTCCC
TTAGGGATAGAGTTATTATTGAATGTTTGAAGTAGTAGCTCCCTTCAAGCACTTTAAC
AAGCTTAGAGAATTTGTTTCAGATGAAGCTTCTCCAGGCTTCTCTGTAATTAGATATA
CCTGTGTTTCCACAATCACAGCCACTGTGACTTTTCAGGAGTTTCGATACGATGAATTT
GATGGCTCCATCTTTACTATACCTGATGACTACAAGGAAGACCAAGCCGTTTCTCTGAT
CTTTAA
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Clone variation with respect to NM_030816.4

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_030816 unedited

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CGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTGTTTTTCGGTGTAAGGCAGC
GACGGCGGCTGCGACGGCGGAGACTGAGATCCTGGTGTCTGGGCACCTGAGTTCTAGCTT
CCCCAGCGAGCGCGCTCCCTTCGTGCCTAGGCGAGAGCCGGCTCTTCCCGGGAGATG
CGTTTGTCCAGGCTCGGGGGCTCAGTGGGAGTTTCATGCTGCGCTGGAGGCTCTTGCCCA
CCGCTCTAATCGCCTTGTCGCGCCGACGCGCAGCTCCGTCGCCAGCGGTGAGCCTCCCG
ATTCCTCCCTTGCCCTGGCGGCGGCGATGACCGGGGAGAAGATCCGCTCACTGCGGAG
GGACCACAAGCCAGCAAGAAGAAGGGGACCTGCTGGAGCCCGGGGATGAGGAAGCGGC
GGCTGCCCTCGGCGGTACCTTTACCAGAAGCAGGATTGGCAAGGGCGGCAAGCTTGTC
TAAGATCTTCAGTAACCATCACCACCGGCTACAGCTGAAGGCAGCTCCGGCCTCTCCAA
TCCCCCGGCGCCCGGCTCTGCCGCTGCACAATCTCTCGTGACTGCCAACTCCAGTC
CCCGGCCCTTCTGGCCGGCACCAACCCGTTGCTGTGTCGCGGATGGAGGCAGTTGCC
CGCACACTACCCGTTGCACGAGTGCGTCTTCAGGGGGATGTGAGGAGACTCTCTCTCTC
ATCCGCACGCACAATATCGGGCAGAAAGATATCACGGAATACTCTTTACACTTGCTGT
GATGNTAGGAAATAAAGATGTGCCCATTTACTTTTGGCTCACATGGCTCAGTCAGGTNGA
AAATGCTCAGGNATGGAGCCCTCTGNCNGNAGCCATCAGCTATGGAGATAGGCAGATGAT
TACCAGCTCTTTGAGGNGAGTAGCAGCATCCAGGGGAAAGTGGTGAGAAAAACGACTCG
ATATTNANAGCCCTGAGAGCTAGTGACTTTTCTANACTCACTGGATTTCAAGCTGGTGN
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_030816 unedited <pre> TACATCTATGNNACCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTGCAGC TTTAAAGAGTTTATTTAAATTTTCTTACGGTTTATGCTTTGGATTTTAAATCATATT TTCAATAAGGGTCTCTAAACTCCTTTCAAATTACCTAAATCCTGAAAAAGTTTAAGCT ACTGGTCAGTCTAAAAAAGTGCAGATGCATTCTTGAGACATTCATCAGGATACATTTT AAAAACATCAATCTAAGTAAGCTCTTTAATACAACATGATACTTTATACTGTTATACAT TAATCCCCCTAATTTATTTTCATACTTGGACCTTCAAACCACCTTGAATAAATAAGAAA AATTTTAAAGTGCAAAAATGAGTAATACATGATTTTATCACTTTGGAGACAATGAAATCAA TATTTTCTGTGATTTAAAAAATAATAGGAGTAATCAATCTTGTGTATACTTCTGGAC TTTAACTGTAAACAAATATATTCTGTTAGCATATAAAATGTTTTTATCTTATTTTGAAG GATTAATATGTAGGTTGTCCAAATATGTGATTGTTTTTAAACTGACACCAATGC ATCCATATTCTACTAAAAACAAACAAATAATCAGACCGATGTGACTTATTAGGAAGCA AGTTTAAAAATTTGGATTTTTTTTAAAGTGCTGAGATTTGAAGAGGAATATCTTTAAAC ATGCTAACCATACCTTATGATGACCATAACAAGACTCCAACCTCAGTTTAGAAAAA AATAGAAGGTCTTTGAAGGGAGATTAACAACCTCCGGTGAAACAATAGCCCCCTG GATTGCCCTAGGTGCTCAAGGAGACCCTATTCCTGCGGATGAACGCTCCTTCGGAAGGG TTGCACTAATAATGCAATGGTTC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_030816
Insert Size:	3700 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_030816.1, NP_110443.1</u>
RefSeq Size:	3346 bp
RefSeq ORF:	1521 bp
Locus ID:	81573
UniProt ID:	<u>Q8N6S4</u>
Cytogenetics:	1p31.1
Gene Summary:	Acts as a molecular chaperone for G protein-coupled receptors, regulating their biogenesis and exit from the ER.[UniProtKB/Swiss-Prot Function]