

Product datasheet for **SC316031**

ANKRD24 (NM_133475) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD24 (NM_133475) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316031 representing NM_133475. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAAGACTCTCAGGGCGCGATTTAAGAAGACAGAGCTGCGGCTCAGCCCCACTGACCTTGGCTCCTGC
CCGCCCTGCGGCCCTGCCCATCCCGAAGCCGGCAGCCAGAGGCAGGCCAGAGTCAAGACTGGGGC
AAGAGTGACGAGAGGCTGCTACAAGCCGTGAAAAACAACGATGCACCTCGGGTGGCCGCCCTCATCGCC
CGCAAGGGGCTGGTGCCACGAAGCTAGACCCGAGGGCAAGTCCGCGTTCCACCTGGCGGCCATGCGG
GGTGCGGCCAGCTGTCTGGAGGTGATGATAGCTCATGGCAGCAATGTGATGAGCGCGACGGGGCAGGT
TACAATGCCCTCCACCTGGCCGCCAAATACGGGCACCCACAGTGCTTGAAGCAACTACTGCAGGCTTCC
TGCGTGGTGGACGTGCTGGACAGCAGCGGTGGACTGCCCTACACCATGCAGCGGCTGGTGGCTGTCTC
TCCTGCTCAGAGGTGCTGTGCTCCTTTAAGGCACATCTAAACCCCAAGATCGGTGAGGCGCAACACCC
CTCATTATAGCAGCTCAGATGTGTACACAGACCTGTGCCGTCTCCTACTGCAGCAAGGGGCTGCCGCG
AACGATCAGGACCTGCAAGGCAGGACGGCCCTGATGCTGGCCTGTGAGGGGGCCAGCCCCGAAACAGTG
GAGGTCTGTGTCAGGGCGGAGCCAGCCGGGCATCACCGATGCGCTGGGGCAGGACGCGGCTCACTAT
GGCGCCCTGGCGGGGACAACTCATCTGCACCTTCTGCAAGAGGCGGCCAGCGCCCTCCCCACCC
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GGGGCCCCAAGAAGCGGAAGGCGCCTCCACCTCCCGCCAGCATTCCCATGCCGATGATCGAGATGCC
TATGAGGAGATCGTGAGGCTGCGGCAGGAGAGGGGCCGCTCCTGCAGAAGATCCGGGGCTGGAACAG
CACAAGGAACGGAGGCAGCAGGAGTCCCGGAGGCCAGTCCCTGCACATCCTGGAGAGACAGGTGCAA
GAGCTACAGCAGTTGCTGGTGGAGAGACAAGAGGAGAAGGAGAGCCTGGGACGGGAGGTGGAGAGTTTG
CAGAGCCGGCTGTCCCTGCTGGAGAACGAGCGGGAATACTAGCTATGACGTAACCAACCTGCAGGAT
GAGGAGGGTGAGTGCCTGACCTTCCAGGGGCCAGGTGCTGTGCTCACCAGACAGAACCAGGAAGTGGAG
CAGGAACACCTGGCCTCGCTGCAGGAACAGGTGGCTGTGCTCACCAGACAGAACCAGGAAGTGGAG
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ATCCCTTTGCCCTCTATGACTCTCTCCGGGCCAGTTTGACCAGCTACGCAGGACGACGCTGAGGCC
CTGCAGGCCCTGAGGCAGCAGGAGACAGAGGTCCCCAGAGAAGAGGGGCGAGCCTGTGGGAGAGT
GAGGTTGCTGGAGCCACGGCCACCAAAACGGGCCAACCCACATGGAGCTAAATGGCTCAGTGGCTCCA



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GAAACCAAAGTTAACGGAGCCGAGACCATAGATGAGGAGGCTGCAGGAGATGAAACCATGGAAGCCAGG
 ACTATGGAAGCTGAGGCCACGGGAGCCGAGGCCACGGGAGCTGAGGCCACAGGAGCAAGGTCACAGAA
 ACAAAACCCACAGGGGCTGAGGTACAGAGAAATGGAGACCAGAGAAGAAGCAACATGGAACCTAAG
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 ACAAAGCAGAGGAAGCAGAAATGCAGGCCTACGGAGTGGGTGCTGGGCAAGCAGAGCCCCAGTCACA
 GGGACCACAAACATGGAGGCCACGGGCTCTAGGGCCACAGGGATGGAATCCACAGGAGTCAGTGCCACA
 GGTGTGGAGAACCAGGGGTAGAGGCCACGGTCCCGGGATCTCTGCTGGCCCCATCCTACATCCTGGT
 GCCGCAGAGGCCCTCGGAAAAGCTTCAAGTAGAGCTGGAGACCAGGATCCGTGGCTTGGAGGAGGCTCTC
 CGGCAGCGGGAGCGGGAGGCAGCTGCGGAGCTGGAGGCGGCCCTGGGGAAGTGCGAGGCCCGGAGGCC
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 GACACCACACAGCTGCGGGCGGCCCTGGAGCAGGCCCGGGAGGACCTCCGAGACCGGGACTCCCGCTG
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 GGCCGGGCACGGGACGCCGCTGAGGCCGAGTGGCTGAGCTGCCTGCGGCCTGCGAGGAGGCCGCGCAG
 GGCTGCGCGAGCTGCGGGAGGCCCTCCGAGGCCCTCCGCCAGTCCGTGGTGCCGGCTCTGAGCACCGC
 CGGCTGCAGGAGGAGGCCCTGGAGCTGCGGGGCCGGGCAGCCAGTCTGGAGCAGGAGGTGGTGCCACG
 GGCAAGGAGGCCCGCCGGCTGCGCGCGGAGCTGGAGCGGGAGCGTGTGTGCAGCGTGGCGCTCTCGGAG
 CACGAACGCATCGTGGGCACCTGCAGGCCAACGTGGCCAGCTGGAGGGCAGCTGGAGGAGCTGGGA
 CGGCGGCATGAGAAGACCAGCGCAGAGGTCTTCCAGGTGCAGCGTGAGGCCCTGTTATGAAGAGTGAG
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 AGGGCTCGCCAGGCCAGAGCCGGGCCAGGAGGCTCTGGACAAGGCCAAGGAGAAGGACAAGAAGATC
 ACAGAACTCTCCAAAGAAGTCTCAATCTTAAGGAAGCCTTGAAGGAGCAGCCGGCCGCTCGCCACC
 CCTGAGGTGGAGGCTCTCCGTGACCAGGTGAAGATTTACAGCAGCAGCTGCAGGAAGCTGCCAGGGAC
 CACTCCAGCGTGGTGGCTTTGTACAGAAGCCACCTCTATATGCCATTCAAGGCCAGATGGATGAAGAT
 GTGCAGCGGATTCTCAGCCAGATTCTGCAGATGCAGAGACTCCAGGCTCAGGGCCGCTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_133475
Insert Size:	3441 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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: [NM_133475.1](#)

RefSeq Size: 4041 bp

RefSeq ORF: 3441 bp

Locus ID: 170961

UniProt ID: [Q8TF21](#)

Cytogenetics: 19p13.3

MW: 124.2 kDa