

Product datasheet for **SC308473**

ANKRD13D (NM_207354) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRD13D (NM_207354) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRD13D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC308473 representing NM_207354.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGGCCCGGGCCCCACCTTCCCGCTGCACCGGCTCGTCTGGGCGAACCGGCATCGCGAACTGGAG
GCCGCACTGCACAGCCACCAGCAGACATTGAACAGGAGGACCCCGGGCGGACCCCACTGGAGCTG
GCCGTGTCTCTGGGAAACCTGGAGTCTGTGAGAGTGCTCCTTCGACACAATGCCAACGTGGGCAAGAG
AACCGCCAGGGCTGGGCAGTCTGCAGGAGGCAGTCAGCACTGGAGACCCGAGATGGTGACGTGGTG
CTCCAGTATCGGGACTACCAGAGGGCCACGCAGAGGCTGGCGGGCATTCCGGAAGTCTCAACAACTT
CGCCAGGCCCCGATTTCTACGTTGAGATGAAGTGGGAGTTACCAGCTGGGTGCCCTTGTGTCTAAG
ATGTGCCCAAGCGATGTGTACCGCTGTGGAAGCGGGTGAGAGCCTGCGAGTAGACACCACTCTCTG
GGCTTCGAGCACATGACCTGGCAGCGGGGCCGAGGAGCTTCATCTTCAAGGGCCAGGAGGAGAGCC
CTGGTGATGGAAGTGACCATGACCGGCAGGTGGTGCATGTGGAGACACTGGGGCTCACTCTGCAGGAG
CCCGAAACACTGCTGGCCGCCATGCGGCCAGCGAGGAGCATGTGCCAGTCGCCTCACCTCTCCTATC
GTCTCCACCCACCTGGACACTCGTAATGTGGCCTTTGAGAGGAACAAATGTGGTATCTGGGGCTGGCGG
TCTGAGAAGATGGAACCTGTTAGCGGCTACGAGGCCAAGGTGTACAGTGCCACCAACGTGGAGCTGGTG
ACACGCACACGCACGAGCACCTCTCTGATCAGGACAAGTCGAGGAGCAAAGCGGGGAAGACTCCATTC
CAGTCCTTCTGGGGATGGCGCAGCAGCATTCTCCACACCGGGGCCCCCGTGCAGCAGGCAGCCAGC
CCCACCAACCCACAGCCATCTCCCTGAGGAGTACTTCGACCCCAACTTCAGCCTGGAGTCACGGAAC
ATTGGCCGCCCATCGAGATGTCCAGCAAAGTACAGAGGTTCAAGGCAACACTGTGGCTGAGTGAAGAG
CACCCGCTCTCCCTGGGTGACCAGGTGACCCCATCATCGACCTAATGGCCATCAGCAACGCTCACTTT
GCCAAGCTGCGGACTTCATCACTCTGCGCCTTCCACCTGGCTTCCCGTCAAAATTGAGATTCCTT
TTCCACGTGCTCAATGCCCGCATCACCTTCAGCAACCTGTGTGGCTGTGATGAGCCCTGAGCTCCGTG
TGGGTGCCGGCCCCAGCTCTGTGTTGCCGCATCAGGGAACCTTTCCCGTGCAGGTGGACCCACC
GTGTTTGAAGTGCCCAACGGGTACAGCGTGCTGGGCATGGAGCGCAACGAGCCCTCCGGGACGAGGAC
GATGACCTCTGCAGTTCGCCATCCAGCAGAGCCTGCTTGAAGCGGGCACTGAGGCGGAGCAGGTGACC
GTCTGGGAAGCCCTGACCAACACCCGGCCCGGTGCCCGCCCTCTCCCGAGGCCACGTTTATGAGGAA
CAGCTTCAGTGGAGCGGGCCCTCCAGGAAAGCCTGCAGCTGTCCACAGAGCCAGGGGCCAGGATCC
CCTCCAGGACACCCCGAGCCCGGTCCACCCAGCTTTGAAGAGCAGCTGCGCCTGGCCCTGGAGTTG
TCTTCACGGGAGCAGGAGGAGCGGGAGCGCGGGCAGCAGGAGGAGGAGTACACGCGGATCTGT
CAGCTGTCACTCACTGAGCACTGA
ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_207354

Insert Size: 1818 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_207354.2

RefSeq Size: 2150 bp

RefSeq ORF: 1818 bp

Locus ID: 338692

UniProt ID: Q6ZTN6

Cytogenetics: 11q13.2

MW: 68.2 kDa

Gene Summary: The protein encoded by this gene is a member of the ankyrin repeat domain (ANKRD) 13 family, which currently consists of four proteins containing ubiquitin-interacting motifs. These proteins are integral membrane proteins that bind specifically to Lys-63-linked ubiquitin chains on membrane-bound proteins, targeting those proteins for rapid internalization. [provided by RefSeq, Dec 2016]
 Transcript Variant: This variant (1) encodes the longer isoform (1).