

## Product datasheet for **RC205397**

### **ANKRD5 (ANKEF1) (NM\_198798) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ANKRD5 (ANKEF1) (NM_198798) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ANKRD5
Synonyms:	ANKRD5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC205397 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTTTAGCAGATAAGGGACTTGAGAACTTACAGATCTACAAAGTTCTCAATGTGTGCGGAACAAAG  
ACAAGAAGCAGATAGAGAAGCTGACCAAGCTTGGATACCCTGAAC TAATCAATTATACAGAACCCATTAA  
TGGGCTTAGTGCTTTGCACTTAGCCTCAGTTTCCAATGATATTGATATGGTCAGCTTTCTCCTTGACCTT  
GGTGCTCACCTGATGTGCAAGACCGAATGGGCTGTACTCCACAATGAGGGCTGCAGAAGCTGGGCCATG  
AATTGTCAATGGAATATTAGCAAAGGCAAGGCTGATAGACTATAGTTGATAATGAAGGAAAAGGTGT  
TTTGTTTACTGCATTTTACCGACTAAGCGCATTATCGCTGTGCTCTGATCGCCCTTGAACATGGTGCA  
GATGTCAACAATTCTACCTATGAAGGAAAGCCAATATTCCTTAGAGCTTGTGAAGATGCACATGATGTTA  
AAGATGTGTGCCTGACATTTTGGAAAAAGGAGCCAATCTAATGCAATCAACTCATCCACAGGCCGCAC  
AGCTTTAATGGAAGCGTCAAGAGAAGGGGTAGTGAAATAGTTCGAGGCATATTGAAAGAGGAGGTGAA  
GTGAATGCATTTGACAACGACAGGCATCAGCTGCTCATTTTGTGCTAAAGGAGCTTTTTCGATATAT  
TGAAGTCTTTTTGCCTACAATGGAGACGTGGGGCTGATTTGATAAATGGGAACACACCACTTCATTA  
TGCTGCCATGGGTGGTTTTGCAGACTGCTGTAATATATAGCTCAGCGAGGATGTGACCTGAAATGGAAG  
AATTTAGATCATAAAACGCCAGGGCTGTGGCTAAGGAAGCGCGCTTCAAAGCAGCAAGCAAAGAAATAC  
GCCGAGCAGAGAGAATCGCTAATAAACTAGCCAGGCCAGGAGCCAAAAATCCAAATCCACTGTGGGCCCT  
TAGACTGCACGATTGGTCCGTAGAAGCTGAGGCTTTCTCCGGGAAGCCTTTCGGTTTTAGACAGGGGT  
GATGGAAGCATCAGCAAGAACGACTTCGTGATGGTGTGGAGGAAAGGCAGGATTATGCAAGCTCAGAAC  
AGCTGGCTGCCATCGCTCACCTTCATGAGAAAACCCGGGAGGAGGGGTCAATATTAATGAATTTTAA  
AGGAACAGATATTTAAACAAGTCTTTTGTCTTAGGATCGTATGGACCTAAGAAAAAGGAAAAAGGGATG  
GGCAAAAAAGGAAAGAAAGGGAATTTGTCTTACCCCTTCCAATCTGTGTCATTCTGAGTACGCGTTTT  
CACGCCGCGAGGATGGTGGGCCACCGTATTACATGATTGAGACCTACAAGAATGCACTGATAGCAGCCG  
GTTAATAGAGATCATCCCCAGAACATCCCATCAGGATGACTCTGTTGGTACATTGATGATTCAGAG  
AAGGTATTTCAAACATTAATATTATCACCAGCAGGGGATCTGGCTTCTGAAAAAGGCCTTTGAAT  
CAGGAATACCTGTGGATATGAAGGATAATTATTACAAAACCTCCGCTAATGACGGCGTGTGCAAGTGGAAA  
CATAGATGTGGTCAAGTTTCTTCTGAAAAAGGAGCTAACGTTAATGCAACAGATAACTTTCTGTGGACT  
CCACTTCATTTTGCATGCCATGCAGGCCAACAGACATTGTTGAGCTTCTGTTGATCTGGAGCTTTAA  
TAGATGCAGCTTCAATCAACAACCTCAACTCCTTTAAATAGAGCCATTGAAAGCTGCAGACTGGATACAGT  
AAAATACCTACTTGATATTGGTGCTAAATTCAGCTGGAAAAATAGAAAAGGGCATAGTGCCATGGACGTT  
GCAAAGGCATATGCTGATTATAGAATAATTGATCTGATTAAGAAAAAGCTAGATAACTTGCCGAAACCAG  
CAGAAAAACAAAACCTAAAAGGCAAGACACCTCTATACTGAAGACTGAAGGCCCTGAAATTAAGAAAGA  
AGAGGAACTGCTGTCAATTTATGGTGTACCAACCACATCAGAGGGAAAGAAAGTACAGAAGGGTAAT  
GTGGTTTCACTGAATTCATTGATTACCAGTGGTTATACTAAGAAAGTGGATATCACATTTATCCACGGA  
GGATTTGGAGTCTGAAGCCACAACAGCAGAGCTGATCAGGAAGAGGGAACCTACGGCGAGAGAGGTTTAC  
ACATGAGGTGGACTTCGACGATTTTATGATGCCTTTTTCAGAAGAACATCACAGAGAAAGCTCGAGCACTG  
GAAGCTGCCTGAAGACC

**AGCGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC205397 protein sequence  
Red=Cloning site Green=Tags(s)

MALADKLENLQIYKVLQCVRNKDKQIEKLTKLGYPELINYTEPIINGLSALHLASVSNDIDMVSFLLDL  
GAHPDVQDRMGCTPTMRAAELGHELSMEILAKAKADMTIVDNEGKGVLFYCILPTKRHYRCALIALEHGA  
DVNNSTYEGKPIFLRACEDAHDVKDVCLTFLEKGANPNAINSSTGRTALMEASREGVVEIVRGILERGGE  
VNAFDNDRHHAHF AAKGGFFDILKLLFAYNGDVGLISINGNTPLHYAAMGGFADCKYIAQRGCDLKWK  
NLDHKTPRAVAKEGGFKAASKEIRRAERIANKLARP GAKNP NPLWALRLHDWSVEREAFLEAFVLDRG  
DGSISKNDFVMVLEERQDYASSEQLAAIAHLHEKTRGGGVNINEFFK GTRYLNKSFVLGSYGPKKKEKGM  
GKKGKKGK FVLP LPICVIPEYAFPRRQDGGPPYMIETYKNVTDSSRFNRDHPPEHPIQDDSVWYIDDSE  
KVFSNINIITKAGDLASLKKAFESGIPVDMKDNYK TPLMTACASGNIDVVKF LLEKGANVNATDNFLWT  
PLHFACHAGQQDIVELLVESGALIDAASINNSTPLNRAIESCR LDTVKYLLDIGAKFQLENRKGHSAMDV  
AKAYADYRIIDLIKEKLDNLPKPAENQKLKGT PPIPKTEGPEIKKEEELLSSYIGVPTTSEGKKVQKGN  
VVHLNSLITSGYTKKVDITFIPRRIWSPEATTAELIRKRELRERF THEVDFDDFMMPFQKNITEKARAL  
EAALKT

SGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6623\\_d08.zip](https://cdn.origene.com/chromatograms/mk6623_d08.zip)

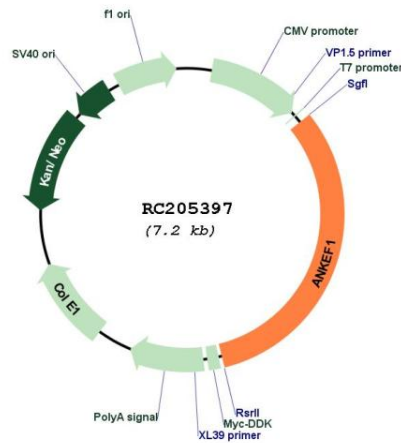
**Restriction Sites:** Sgfl-RsrII



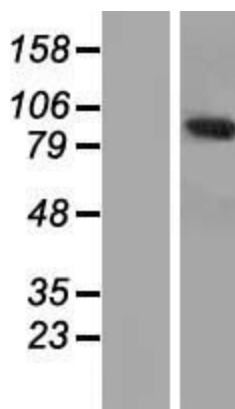
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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 Size:** 3775 bp  
**RefSeq ORF:** 2331 bp  
**Locus ID:** 63926  
**UniProt ID:** [Q9NU02](#)  
**Cytogenetics:** 20p12.2  
**MW:** 86.6 kDa

**Product images:**



Circular map for RC205397



Western blot validation of overexpression lysate (Cat# [LY411765]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC219433] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).