

## Product datasheet for **MR224641**

### Ankrd26 (NM\_001081112) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ankrd26 (NM\_001081112) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ankrd26  
**Synonyms:** 5730521P14Rik; BC008111; mKIAA1074  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR224641 representing NM\_001081112  
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

ATGAAGAAGATTTTTGGCTTCAGGAGTAAGGGCCCATCGCCCTTAGGCCCTCTGCCGCCCGCGCAGCA  
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CAGAAGTGGTACTCTTTAGTAGAGAGAAAATGTGAGATAGATGCCCGTACAGCGAGAGCAGCACGGC  
CCTCATTAAGGCCGTGACGTGCCAGGAGGAAGAATGTGCAGCCACTGCTGGACCACGGGCCGATCCA  
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR224641 representing NM\_001081112

Red=Cloning site Green=Tags(s)

MKKIFGFRSKGPSPLGPSARPRSNVCGFGRESASGSHVPRYHIHDKDMGKIHKAAASVGDVAKVQHILILG  
KSGVNDRDKKDRITALHLACAYGHEVVTLVERKCEIDARDESSTALIKAVQCQEECAAILLDHGADP  
NVMDSSGNTALHYAVYSENTSMAAKLLAHNANIEAKNKDDLTPMLLAVKENKQHIVEFLVKKKASIHAVD  
QLGNSNRQMFYDYGKRLQRSENSNPVDNGSEDSGLTRSYNTPGPADSWPTSDEEDYNFDNKNVPKINLTEL  
WTAAQQSRKNQTKCGFEELDNGARFDDSDSPSESDAIEVEPAPSVRVQTLSPSRQSPDPVEGATELAIE  
GEENGTDVIESASQEQPNHDNLTRADGWHSNKSEMMSALGLGEDEDEHSPWDSESISESVSCLKDVGHFS  
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SEARPTKTKSSKHNDKSGQTAAVDNLDDFTESETASEDHELQGPDESILCAIEHLRLECKDTASLLKI  
RDAVYSYKRLIELKRSHCELLTGKLRMENKYKGLQKEMSETEEVKSRLHEKVGWEQELCRLRFALKQE  
EEKRRSADQLSEKTSEQLRRKGEQCQSEVEARQLEASLRLELMEKTKVSHLNQVLEERNETQRQLSRE  
QNARMLQDGILASHLCKQKEIEMTQKMTSEVSVSHEKEKDLLHKNQRLQDEVAVLRLMDTIKSHNQEK  
EKRYLEDIKIANEKNDNLQRMVKLNEETFKTIFQYTGQLNSLKAENTMLSSKLDNEKQNKERLETDVES  
FRSRLASALHDHAEIQTAKRDLEIAFQRARDEWFRVKDKMNFDMNSLRDNNEVLSQQLSKTERKLNLEI  
EFHHTKDELREKTLALKHAQRDLSQTQCQMKVEHMFQDEQGVSKFMGKQESIEERLAQLQSENTLLRQ  
QLDDAANKAESDKTIVNIQDQFQDVLTRFQAESQRHSLRLEDNRNQLVSECSHLRERLCQYENKAERE  
VVVRQLQQELADTLKKQSMSEASLEVSSRYRSNLEEEARDLKKKLGQLRSQLEARDQHREAVHHAEKME  
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LFLQAQAASQESLEQLRENSNASVRSQEMELRIKDLESQLYRMKAQEDFDKIELEKYKQLYQEEFRARKSL  
SSKLNKTSKLEEASSKLLLLEEQNRSLLSTLSTRPVVECPVGSFHNSLVFNRTLIPRENIVVPTSGLQ  
PSNKRVEIYLTMKHQELEKSINRELKEATAELESEFCRVSPGATKASQDQLSDASQEFIDILKKKYMI  
C

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

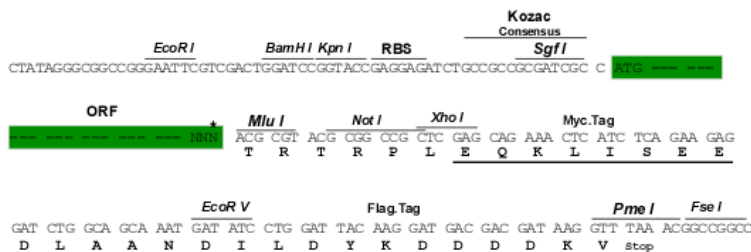
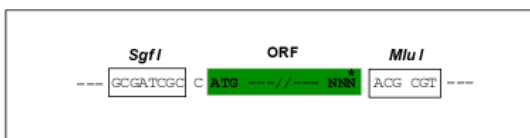
[https://cdn.origene.com/chromatograms/mm9104\\_a06.zip](https://cdn.origene.com/chromatograms/mm9104_a06.zip)

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001081112

**ORF Size:** 5043 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001081112.2](#)

**RefSeq Size:** 5704 bp

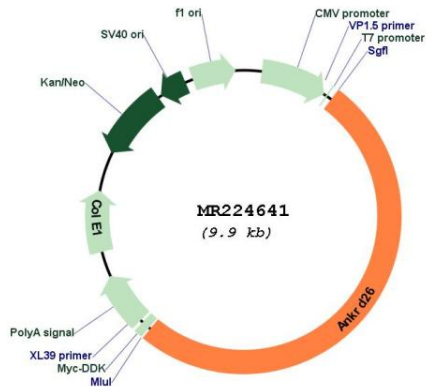
**RefSeq ORF:** 5046 bp

**Locus ID:** 232339

**Cytogenetics:** 6 F1

**MW:** 192.2 kDa

**Product images:**



Circular map for MR224641