

## Product datasheet for **MR207026**

### Col26a1 (NM\_024474) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Col26a1 (NM_024474) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Col26a1
Synonyms:	9430032K24Rik; BC002218; Col26a; Emid2; Emu2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>MR207026 representing NM\_024474  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGAAGCTGGTTTTGCTGTTACCATGGCGTGCTGCTGCTGTGCGGGTGGCGCTGGCCACCGCTTTC  
TCTACCCGTTCCCGGCAGCAGCCTTGACAGCAGCAGCGCTACCCGAGCAGGGCGCCGCTCCCCCGCAA  
CGGCTACTCGAGTCGCCGCACTGGTGCCATCACACGGTGACAAGGACAGTGTCTGCCAGGTGCAGAAT  
GGCTCCGAGACGGTGGTCCAGCGAGTCTACCAGAGCTGCCGGTGGCTGGGCCCTGTGCCAACCTCGTGA  
GTTACAGGACTCTCATTAGACCGACCTACCGGTTTCTACCGCAGCGTGACTGCGCTGGAGTGGAGGTG  
TTGCCCAGGATCACCGGAAGCAACTGCGAGGAAGAATGTATGAACTGTACCCGGCTTAGCGACATGAGT  
GAACGGCTGACCACGCTGGAGGCCAAGTCTCTTGTGGAAGCAGCTGAGCAGCCTTCAGTCCAGACA  
ATGACCTGCCACCCCGCAGAGCACCCACCACTGGAACGAGGACTTCTGCCAGACGCCATTCCCAT  
CGCACATCCAGGGCCCCGAGGAGAAGACCCACAGGTCCAGCTGGACCTCCAGGACAGATGGGACCCT  
GGACCTGCAGGACTCCAGGTTCCAAGGTGAACAGGGCCAGACAGGAGAGAAGGGCCAGTGGGACCTC  
CAGGTCTCTTGGGACCACCGGGGCCACGCGGGCTCCCTGGAGAGATGGGGCGCCCTGGTCCACCAGGCC  
TCTGGCCAGCAGGAAGTCTGGCCTCTTGCCAAACTCCCCAAGGCGTCTGTATTCCCTGCAGACA  
CCAACAGACAAGGAGAATGGAGACTCCCAGCTGAACCTGCTGTTGTAGACACAGTGTGACTGGCATCC  
CAGGTCCCCGGGTCCCCAGGCCCTTGGTCCCCAGGACCACACGGCCCCCAGGACCCCAAGGAGC  
ACCTGGATCCCAGGGCTGGTGGATGAGCGGTGTGGCAAGGCCATCTGGTGAAGGCAAGTGAAGGAA  
GAAGAGGACAAAGCCAGCGCTGCAGAGGAGAAGGTGTGCAGCAGCTTCGCGAGGCCCTGAAGATCCTGG  
CAGAGAGGTCCTTATCCTTGAGCATATGATTGGAGTCCATGATCCCCTGGCCTCCTGAGGGTGGCTC  
TGGGCAGGATGCAGCCCTGAGAGCCAATCTCAAGATGAAGCGAGGAGTCTCGACCTGACGGCATCCTG  
GCTGCCCTGCTGGGCCCGACCCTGCACAAAAGAGCGCAGACCAGGCTGGCGACAGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>MR207026 representing NM\_024474  
Red=Cloning site Green=Tags(s)

MKLVLLLWACCCLCGSALATGFLYPPFAAALQQHGYPEQGAGSPNGYSSRRHWCHHTVTRTVSCVQVN  
GSETVVQRVYQSCRWPGPCANLVSRYTLIRPTYRVSRYRTVTALEWRCCPGFTGSNCEECMNCTRLSDMS  
ERLTTLEAKVLLLEAAEQSPGPDNDLPPPQSTPPTWNEFLPDAIPIAHPGPRRRRPTGPAGPPQMGP  
GPAGPPGSKGEQQTGEKGPVGPPLGPPGPRGLPGEMGRPGPPGPPGAGSPGLLPNTPQGVLYSLQT  
PTDKENGDSLNPVAVDVTLTGIPGPRGPPGPPGPHGPPGPPGAGSQGLVDERVVARPSGEPVKE  
EEDKASAAEGEGVQQLREALKILAERVLILEHMIQVHDPLASPEGGSGQDAALRANLKMKGGRPRPDGIL  
AALLGPDPAQKSADQAGDRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

## Chromatograms:

[https://cdn.origene.com/chromatograms/mm9005\\_g01.zip](https://cdn.origene.com/chromatograms/mm9005_g01.zip)

## Restriction Sites:

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_024474

**ORF Size:** 1320 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\\_024474.3](#)

**RefSeq Size:** 2705 bp

**RefSeq ORF:** 1323 bp

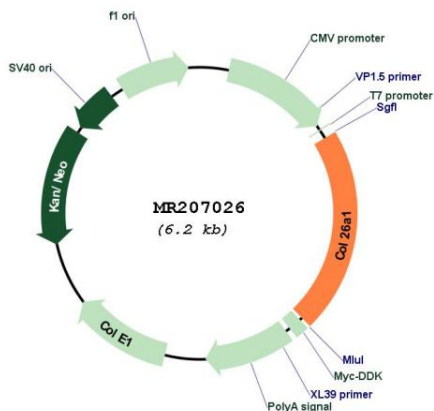
**Locus ID:** 140709

**UniProt ID:** [Q91VF6](#)

**Cytogenetics:** 5 G2

MW: 46.3 kDa

Product images:



Circular map for MR207026