

## Product datasheet for **MR205934**

### Dek (NM\_025900) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dek (NM\_025900) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Dek  
**Synonyms:** 1810019E15Rik; D13H6S231E  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR205934 representing NM\_025900  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGCGGGCGGCCCGCTGCGGAGGGAGAGGACGCCCCGTGCCCCCTCATCCGAGAAGGAAC  
CCGAGATGCCGGTCCCAGGGAAGAGAGTGAGGAGGAGGAGGATGACGAAGACGATGATGAAGAGGA  
CGAGGAGGAAGAAAAGAAAAGAGTCTTATCGTGAAGGCAAGAGAGAGAAGAAGAAAGTAGAGAGACTG  
ACGATGCAAGTGTCTTCTTACAGAGAGAGCCATTTACAGTGACACAAGGAAGGGTCAGAACTTTGTG  
AAATTGAAAGGATACATTTCTTTCTGAGTAAGAAAAACCAGATGAACTTAGAAATCTACACAACTGCT  
TTACAACAGGCCGGCACAGTGTCTCGTTGAAGAAGAAGCTGGGTCAGTTCAGTGGCTTTCCATTCGAA  
AAAGGCAGTACCCAGTATAAAAAGAAGGAAGAAATGTTGAAAAAGTTTCGAAATGCCATGTTAAAGGCA  
TCTGTGAGGTTCTTGATTTAGAGAGGTCAGGCGTGAACAGCGAACTCGTGAAGAGGATCTTGAATCTT  
AATGCATCCAAAGCCTTCTGGCAAACCATACCAAAATCCAAAAATCTTCCAGCAAAGGTAGTAAAAAG  
GAACGGAACAGTCTGGAACAACAAGGAAGTCAAAGCAAATAATGCCCTGAAATCTGTGAGATGAGT  
CTAGTAGTGATGAAGATGAGAAGAAAAAAGGAAGAGTCTTCGGAAGATGAAGAGAAAGAAAGTGAAGA  
GGAGCAACCACCAAAAAAGACATCTAAAAAAGAAAAAGCAAACAGAAAGCTACTGCTAAAAGTAAAAAA  
TCTGTGAAGAGTGCTAATGTTAAGAAGGCAGACAGCAGTACCACCAAGAAGAATCAAAAAAGTTCCAAAA  
AAGAGTCTGAATCTGAAGACAGTTCTGATGATGAACCCTTAATTAATAAAATTGAAAAAGCCACCTACAGA  
TGAAGAGCTAAAGGAAACAGTGAAGAAATTAAGGCTGATGCTAACTTGAAGAAGTACCAATGAAGCAG  
ATTTGCAAAGAGGTATATGAAAATTATCCTGCTTATGATTTGACTGAGAGGAAAGATTCATTAACAACAA  
CTGTAAGAGGCTAATTTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR205934 representing NM\_025900  
Red=Cloning site Green=Tags(s)

MSAAAAPAAEGEDAPVPPSSEKEPEMPGPREESEEEEEDEDDDEEEDDEEEEEEKESLIVEGKREKKKVERL  
 TMQVSSSLQREPFTVTQKGQKLCEIERIHFFLSKKKPDELRLNHLKLLYNRPGTVSSLKKNVGFSGFPFE  
 KGSTQYKKKEMLKKFRNAMLKSI CEVLDLERSGVNSELVKRILNFLMHPKPSGKPLPKSKKSSSKGSKK  
 ERNSSGTTTRKSKQTKCPEILSDESSSDEDEKKNKEESEDEEKESEEEQPPKKTSKKEKAKQKATAKSKK  
 SVKSANVKKADSSTTTKNQKSSKKESESEDSSDDEPLIKLKKPPTDEELKETVKKLLADANLEEVTKMQ  
 ICKEVYENYPAYDLTERKDFIKTTVKELIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9033\\_b02.zip](https://cdn.origene.com/chromatograms/mm9033_b02.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NM\_025900

**ORF Size:** 1140 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\\_025900.2](#), [NP\\_080176.2](#)

**RefSeq Size:** 2606 bp

**RefSeq ORF:** 1143 bp

**Locus ID:** 110052

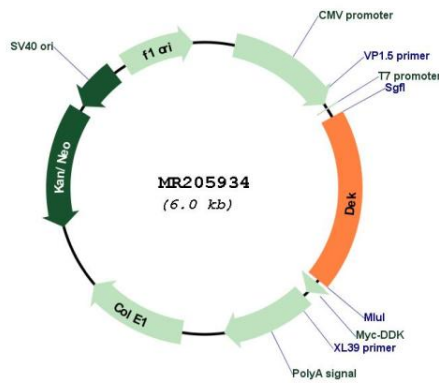
**UniProt ID:** [Q7TNV0](#)

**Cytogenetics:** 13 24.5 cM

**MW:** 43.6 kDa

**Gene Summary:** Involved in chromatin organization.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR205934