

## Product datasheet for **RR207943**

### Dek (NM\_001004255) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dek (NM_001004255) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dek
Synonyms:	MGC94795
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR207943 representing NM_001004255 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGCGGGCAGCCCGCTGCGGAGGGAGAGGACACCCACGCCCGCCGCTCCGAGAAGGAAC  
CTGAGATGCCGGTCCCAGGGAGGAGAGTGAGGAGGAAGAGGAGGAGGACGACGACGATGAGGATGAGGA  
GGAAGAAAAAGAAAGAGCCTTATCGTGGAGGGCAAGAGAGAGAAGAGGAAAGTAGAGAGGCTGACGATG  
CAGGTGTCTTCTTACAGAGAGACCGTTCACAATCGCACAAAGGAAGGGTCAGAAACTTTGTGAAATTG  
AAAGGATACATTTCTTTCTGAGTAAAGAAAAACAGATGAACTTAGAAATCTACACAAACTGCTTTACAA  
CAGGCCGGGCACAGTGTCTTCTTGAAGAAGAATGTGGGTGAGTTCAGTGGCTTTCCATTTGAAAAAGGC  
AGTACCCAGTATAAAAGAAGGAAGAAATGTTGAAAAAGTATAGAAACGCCATGTTAAAGAGCATCTGTG  
AGGTTCTTGATCTAGAGAGGTGAGGTGTGAACAGTGAAGTGAAGAGGATCTTGAATTTCTTAATGCA  
TCCAAAGCCTTCTGGCAAACATTGCCAAAATCCAAAAATCTTCCAGCAAAGGTAGTAAAAAGGAACGG  
AACAGTTCTGGAACGACAAGGAAGTCAAAGCAAATAAATGTCTGAAATTTCTGCAGATGAGTCTAGTA  
GTGATGAAGATGAGAAGAAAAACAAGGACGAGTCTTCAAGAGATGAAGAGAAAGAAAGTGAAGAGGAGCA  
ACCACCAAAAAAGACATCTAAAAAAGAAAAAGCAAACAGAAAGCTACCACTAAAAGTAAAAATCTGTG  
AAGAGTGTAATGTTAAGAAGGCGGACAGCAGCACCACCAAGAAGAACCAAAACAGTTCCAAAAAGAGT  
CTGGATCTGAAGATAGTTCTGATGATGAACCTTTAATAAAAAATTGAAAAAGCCACCTACAGATGAAGA  
ACTAAAGGAGACTGTGAAGAAGTTACTGGCTGATGCGAACCTGGAAGAAGTCACAATGAAGCAGATTTGC  
AAAGAGGTATATGAAATATCCTGCGTATGATTAAGTAACTGAGAGGAAAGATTTTCATTAACGACTGTAA  
AAGAGCTAATCTCT

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207943 representing NM\_001004255  
 Red=Cloning site Green=Tags(s)

MSAAAAPAAEGEDTPTPPASEKEPEMPGPREESEEEEEEDDDDEDEEEKEKSLIVEGKREKRKVERLTM  
 QVSSLQREPFTIAQKGQKLCEIERIHFFLSKKKTDELRLNHLKLLYNRPQTVSSLKKNVGFSGFPFEKG  
 STQYKKKEEMLKKYRNAMLSICEVLDLERSGVNSELVKRILNFMHPKPSGKPLPKSKKSSSKGSKKER  
 NSSGTTRKSKQTKCPEILSDESSSDEDEKKNKDESEDEEKESEEEQPPKKTSKKEKAKQKATTKSKKSV  
 KSANVKKADSSSTTKKNQNSSKESGSEDSSDDEPLIKLKKPPTDEELKETVKKLLADANLEEVTKMQIC  
 KEVYENYPAYDLTERKDFIKTTVKELIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

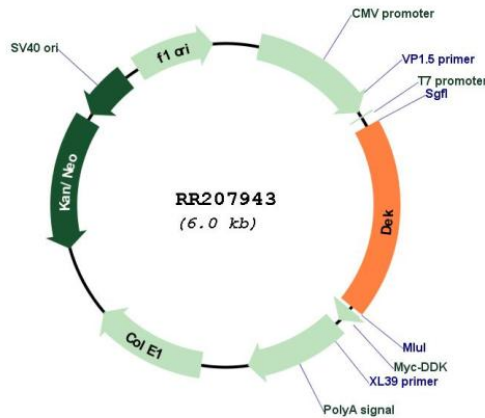
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001004255

<b>ORF Size:</b>	1134 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001004255.1</a> , <a href="#">NP_001004255.1</a>
<b>RefSeq Size:</b>	2575 bp
<b>RefSeq ORF:</b>	1137 bp
<b>Locus ID:</b>	306817
<b>UniProt ID:</b>	<a href="#">Q6AXS3</a>
<b>Cytogenetics:</b>	17p14
<b>MW:</b>	42.9 kDa
<b>Gene Summary:</b>	Involved in chromatin organization.[UniProtKB/Swiss-Prot Function]