

Product datasheet for **MR215626**

Kel (NM_032540) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kel (NM_032540) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kel
Synonyms:	CD238; Ece3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR215626 representing NM_032540
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGACCTCCCTGGAGCCAGGAGATTCTCCAGAAGAGAGGCTTCCCACTGAATGGAGCAGACAGTTGA
 CAAGAGCCAGATGGGTGCTGCTAGCTGTCTGCTCTGTGGCCTGCTCCTTGGTTCTTCTATGCTTTGGTT
 TTACATCTTCCGGAAGTGTGGTCTTGTCCATGTGAGACACCTGTGTGTATGGAGCTCCTGGACCATTAC
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Protein Sequence: >MR215626 representing NM_032540
 Red=Cloning site Green=Tags(s)

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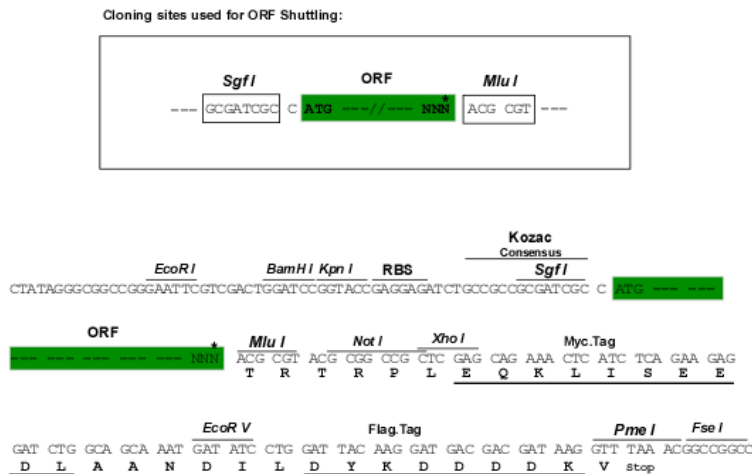
MGPPWSQESSPEERLPTWEWSRQLTRARWVLLAVLLCGLLLGSSMLWFYIFRNCGPCPCETPVCMELLDHY
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AIEASGSGPLIQIIEELGGWNITGNWTSLDFNQNLRLMSQYGHFPFFRAYLRPHAPPHPTPIIQIDQPE
FDILLQQEQEQKVYAQILREYVTYLNRLLGSLNPQEAQHASWSIVFTSRLFQFLRPQQQQQAQDKLF
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VDTLSPALDTKFQEARRELIQELRKLKERPPLPAYPRWMKCVEQTGAFFFEPTLAALFVREAFGPSIQSAA
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R
G
T
L
L
N
P
S
A
R
C
K
L
W
  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9013_f09.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

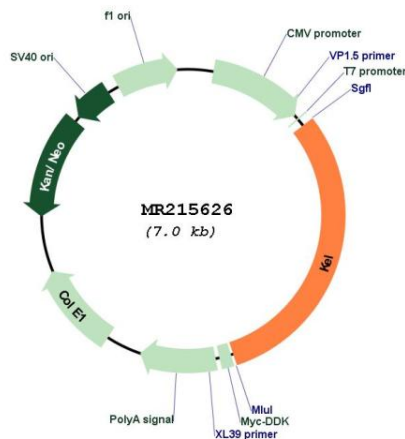
ACCN: NM_032540

ORF Size: 2139 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:	<ol style="list-style-type: none"> 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:	<u>NM_032540.3, NP_115929.3</u>
RefSeq Size:	2524 bp
RefSeq ORF:	2142 bp
Locus ID:	23925
UniProt ID:	<u>Q9EQF2</u>
Cytogenetics:	6 19.86 cM
MW:	81.3 kDa
Gene Summary:	Zinc endopeptidase with endothelin-3-converting enzyme activity. Cleaves EDN1, EDN2 and EDN3 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR215626