

## Product datasheet for **MC221002**

### **Kel (NM\_032540) Mouse Untagged Clone**

#### **Product data:**

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



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**Fully Sequenced ORF:** >MC221002 representing NM\_032540  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGACCTCCCTGGAGCCAGGAGATTCTCCAGAAGAGAGGCTTCCCACTGAATGGAGCAGACAGTTGA  
 CAAGAGCCAGATGGGTGCTGCTAGCTGTCTGCTCTGTGGCCTGCTCCTTGGTTCTTCTATGCTTTGGTT  
 TTACATCTTCCGAACTGTGGTCTTGTCCATGTGAGACACCTGTGTGTATGGAGCTCCTGGACCATTAC  
 CTGGCCTCTGGAAACAGAAGCGTGGCCCCCTGCACTGACTTTTTTCAGCTTTCCTGTGAAAAAGCCAATG  
 GGACCAGTGACTTTTCAAGCACTTACAGAAGAGAACAAGAGCCGACTGTGGAGACTGTTGGAGGCCCC  
 AGGGTCTGGCACCTAGGATCTGGAGAGGAGAAAGCCTTCCAATTTATAACTCCTGCATGGACACAGAT  
 GCCATTGAAGCTTCAGGGTCTGGTCCACTCATACAAATATTGAAGAGCTTGGAGGCTGGAACATCACTG  
 GCAACTGGACGCTTGGACTTCAACAAAATCTGAGGCTTCTGATGAGTCAGTATGGCCACTTTCATT  
 CTTCCGAGCCTATCTACGACCTCATCCAGCCCCCTCCACATACACCAATCATCCAGATAGACCAGCCGGAG  
 TTTGACATTCTTCTCCAGCAAGAGCAGGAACAGAAGGTCTATGCTCAGATCCTACGGGAATATGTGACAT  
 ACCTGAATAGGCTGGGAACATTACTGGGGAGTAACCCACAGGAAGCACAACAGCATGCCTCCTGGTCCAT  
 CGTCTTTACCTCCCGCTGTTCCAGTTTCTGAGGCCACAGCAGCAGCAGGCACAGGACAAGCTCTTT  
 CATGTGTTACTATTGACGAAGTGCAGGAAATGGCCCCAGCCATCGACTGGTTATCCTGTTTACAAGCAA  
 TATTCACACCGATGTCACTGAATTCCTCCAGACCCTCGTGGTCCATGACCTAGACTACTTGAGAAACAT  
 GTCACAACCTGTAGAAGAAGGGCTGTGAATCACAGGGAGAGTATACAGAGCTACATGATCTTGGGGCTG  
 GTGGATAACCCTTCCAGCAGCTGGACACTAAATTCAGGAGGCACGCAGAGAAGTATCCAGGAACATAC  
 GAAACTGAAAGAACGACCACCCTGCCAGCCTACCCTCGATGGATGAAGTGTGTGGAACAGACGGGAGC  
 CTTCTTTGAGCCTACTCTGGCAGCTCTGTTTGTTCGTGAAGCTTTTGGCCCAAGCATTCAAAGTGTGCCC  
 ATGGAATATTTGCTGAGATAAAGGATGCTGTCATCATAACGCTCAAAAAGCTTTCTGGATAAGTGAGG  
 AGACCCAGAAAGAGGCCTTGAACAAGCTTGCCCAACTGCAGGTGGAGATGGGGGCACAAAACGGGCCGT  
 GAAGCCTGACATAGCCACACAGGAATAAATGATATAACAATTGGTCTAGTTTCCCTTCAATCTTTCCTG  
 AGCTGTGTACGATCCCTCCGGGCCAGAAATGTCCAGAGCTTCTTGACGCCCTTCCCTACCACAGATGGC  
 AGAAATCTCCCTGGGAGGTCAATGCTTACTATTCAATATCTGACCATATGGTGGTCTTCCCTGCTGGTCT  
 TCTCCAACCTCCATTCTCCACCCTGGTACCCCAGAGCTGTGAACCTTTGGCGTCTGTCAGCATCATG  
 GCCCATGAATTGTGCATATCTTCTACCAACTTACTCCCTGGGGGCTGCCAGCCTGTGACACCCATG  
 TCCTACAAGAAGCACTTCTATGCCTGGAGCGCCATTATGCTGCCTTCCCTTTGCCTAGCATATCCTCGTT  
 CAATGGTTCTCACACTCCTGGAAAATGCTGCAGACATAGGAGGCGTAGCCATTGCATTCCAGGCATAT  
 AGCAAGAGGATAGTAGAGCACACTGGGGAGTTGACCCTGCCAACCTGGATCTTAGCCCCATCAACTTT  
 TCTTCCGAAGCTATGCCAGGTAATGTGTAGGGGGCTGAGCTCACAAGACCCTCAGGACCCTCACAGTCC  
 TCCAAGCCTTCGAGTCCATGGGCCCTGAGCAATACTCCAGATTTTGCCAAACATTTTCATTGTCCACGT  
 GGGACCCTTCTGAATCCCTCTGCCCGCTGCAAGCTCTGG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_032540

**Insert Size:** 2142 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

<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>	<u><a href="#">NM_032540.3</a></u> , <u><a href="#">NP_115929.3</a></u>
<b>RefSeq Size:</b>	2524 bp
<b>RefSeq ORF:</b>	2142 bp
<b>Locus ID:</b>	23925
<b>UniProt ID:</b>	<u><a href="#">Q9EQF2</a></u>
<b>Cytogenetics:</b>	6 19.86 cM
<b>Gene Summary:</b>	Zinc endopeptidase with endothelin-3-converting enzyme activity. Cleaves EDN1, EDN2 and EDN3 (By similarity).[UniProtKB/Swiss-Prot Function]