

## Product datasheet for **MC207313**

### **Klk1b11 (NM\_010640) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Klk1b11 (NM\_010640) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Klk1b11  
**Synonyms:** Klk1; Klk11; mGK-11  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207313 representing NM\_010640  
**Red=Cloning site Blue=ORF Orange=Stop codon**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTGGTTCTGATCCTGTTCTAGCCCTGTCCCTAGGAGGGATTGATGCTGCACCTCCTGTCCAGTCTC  
GAATTGTTGGAGGATTTAACTGTGAGAAGAATCCCAACCCTGGCATGTGGCTGTGTACCGCTACAACAA  
ATATATATGCGGGGAGTCTGTTGGACCGTAACTGGTTCTCACAGCTGCCACTGCCATGTCAGCCAG  
TATAATGTTTGGCTGGGCAAAACAAAGCTATTCCAACGTGAACCCCTCTGCTCAGCACCGAATGGTCAGCA  
AAAGCTTCCCCACCCCTGACTACAACATGAGCCTCCTCATAATCCACAACCCAGAACCTGAGGACGATGA  
GAGCAATGACCTGATGTTACTACGCCTCAGCGAGCCAGCTGACATCACAGATGCTGTGAAGCCCATCGCC  
CTGCCACTGAGGAGCCCAAGCTGGGGAGCACATGCCTAGTCTCAGGCTGGGGCAGCATTACACCCACGA  
AATTCCAAACCCAGATGATCTCCAGTGTGTGCCATCAAGCTCCTGCCTAATGAGGTCTGTGTCAAAA  
CCACAATCAAAGGTGACAGATGTCATGTTGTGTGCAGGAGAGATGGGTGGAGGCAAAGATACTTGAAG  
GGTGACTCAGGAGGCCACTGATCTGTGATGGTGTCTCCATGGTATCACAGCATGGGGCCCTATCCCAT  
GTGGCAAACCCAATACGCCGGGAGTCTACACAAAATTATTAAGTTTACCAACTGGATAAAAGACACTAT  
GGCAAAAACCCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_010640  
**Insert Size:** 786 bp



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<b>OTI Disclaimer:</b>	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>	<a href="#">NM_010640.2</a> , <a href="#">NP_034770.1</a>
<b>RefSeq Size:</b>	863 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	16613
<b>UniProt ID:</b>	<a href="#">P15946</a>
<b>Cytogenetics:</b>	7 28.48 cM
<b>Gene Summary:</b>	This gene encodes a member of the kallikrein subfamily of serine proteases that are involved in diverse physiological functions such as skin desquamation, tooth enamel formation, seminal liquefaction, synaptic neural plasticity and brain function. The encoded preproprotein undergoes proteolytic cleavage of the activation peptide to generate the functional enzyme. This gene is located in a cluster of several related kallikrein genes on chromosome 7. [provided by RefSeq, Feb 2016]