

## Product datasheet for **MC208826**

### **Klk1b26 (NM\_010644) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Klk1b26 (NM\_010644) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Klk1b26  
**Synonyms:** Egfbp; Egfbp2; Klk2; Klk26; mGK-26; mGK26; PRECE; PRECE-2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208826 representing NM\_010644  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTGGTTCCTGATCCTGTTCCAGCCCTGTCCCTAGGAGGGATTGATGCTGCACCTCCTCTCCAGTCTC  
GGGTGGTTGGAGGATTTAACTGTGAGAAGAATCCCAACCCTGGCAGGTGGCTGTGTACTACAAAAGGA  
ACACATTTGTGGGGTGTCTGTTGGACCGCAACTGGTTCTCACAGCTGCCACTGCTATGTCGACCAG  
TATGAGGTTTGGCTGGGCAAAAACAAGTTATTCCAAGAGGAACCCCTGCTCAGCACCGATTGGTCAGCA  
AAAGCTTCCCTCACCCCTGGCTTCAACATGAGCCTCCTGATGCTTCAAACAACACCTCCTGGGGCTGACTT  
CAGCAATGACCTGATGCTGCTCCGCCTCAGCAAGCCTGCTGACATCACAGATGTTGTGAAGCCCATCGCC  
CTGCCCAAAGGAGCCCAAGCCGGGAGCACATGCCTAGCCTCAGGCTGGGGCAGCATTACACCCACAA  
GATGGCAAAGTCAGATGATCTTCAGTGTGTGTTTCATCACGCTCCTCCCAATGAGAAGTGTGCCAAAGT  
CTACCTACAGAAAGTCACAGATGTCATGCTGTGTGCAGGAGAGATGGGTGGAGGCAAAGACACTTGTGCG  
GGTGACTCCGGAGGCCACTGATTTGTGATGGTATTCTCCAAGGAACCACATCAAATGGCCCTGAACCAT  
GCGGTAACCTGGTGTACCAGCCATCTACACCAACCTTATTAAGTCAACTCCTGGATAAAAGATACTAT  
GATGAAAAATGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_010644  
**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_010644.3</a> , <a href="#">NP_034774.1</a>
<b>RefSeq Size:</b>	877 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	16618
<b>UniProt ID:</b>	<a href="#">P36369</a>
<b>Cytogenetics:</b>	7 28.5 cM
<b>Gene Summary:</b>	This gene encodes a member of the kallikrein subfamily of the peptidase S1 family of serine proteases. The kallikrein genes are present in a large gene cluster on chromosome 7. The encoded preproprotein is proteolytically processed to generate a mature protein product. Expression of this gene in the submandibular gland is sexually dimorphic likely due to both transcriptional and post-transcriptional regulation. This gene is thought to be distinct from the Egfbp2 gene (Gene ID: 13647), with which it shares 98% identity (PMIDs: 1959648, 9685728), however, it is not clear if both genes are present in all strains of mice. [provided by RefSeq, Sep 2015]