

Product datasheet for MC210073

Klk11 (NM_001177373) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klk11 (NM_001177373) Mouse Untagged Clone
Tag: Tag Free
Symbol: Klk11
Synonyms: 2310015I08Rik; hj; Pr; Prss20; T; TLSP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210073 representing NM_001177373
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGAGGCTGAAGAGTGACTGGAATTATCTACAGAAACCAGGGAACCTGGCGCCCGCCTGCCCTAC
 TCCAGGCCAGGATGATTCTCCGACTCATTGCCTTGTCTGGTAACAGGGCACGTAGGGGAGAGACGAG
 GATCATCAAGGGTTATGAGTGCAGGCCTCACTCACAGCCATGGCAGGTGGCCCTTTTCAGAAGACACGG
 CTTCTCTGTGGGCAACCCTCATCGCCCCAAATGGCTCCTGACAGCAGCCCACTGCCGCAAGCCCCATT
 ACGTGATCCTCCTTGAGAGCACAACTAGAGAAGACAGACGGCTGTGAGCAGAGGCGGATGGCCACTGA
 GTCCTTCCCCACCCGACTTCAACAACAGCCTCCCCAACAAAGACCACCGGAATGACATAATGCTTGTG
 AAGATGTCGTCTCCCGTCTTCTTACCCGAGCTGTGCAGCCACTCACCTGTCCCACACTGTGTCGCTG
 CAGGCACCAGTGCCTCATTTCTGGATGGGGCACCACGTCCAGCCCCAGTTGCGCCTGCCTCATTCTT
 GCGATGTGCCAATGTCTCCATCATCGAACACAAGGAGTGTGAGAAGGCCACCCGGGCAACATCACAGAC
 ACCATGCTGTGCCCAGTGTTCGAAAGAGGGCAAGACTCCTGTCAGGGTGACTCTGGAGGCCCTGG
 TCTGCAACGGATCTTTCAAGGCATCATCTCCTGGGGTCAGGACCCATGTGCCGTACACAGAAAGCCTGG
 TGCTATACAAAAGTCTGCAAATACTTTAACTGGATCCACGAGGTTATGAGGAACAATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177373
Insert Size: 831 bp



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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).
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:	NM_001177373.1 , NP_001170844.1
RefSeq Size:	1319 bp
RefSeq ORF:	831 bp
Locus ID:	56538
UniProt ID:	Q9QYN3
Cytogenetics:	7 B3
Gene Summary:	<p>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, May 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>