

Product datasheet for MC201570

Klk7 (NM_011872) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klk7 (NM_011872) Mouse Untagged Clone
Tag: Tag Free
Symbol: Klk7
Synonyms: P; Prss6; SCCE
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027823 sequence for NM_011872
 CCACGCGTCCGCCAACTGTTGGGGTTGCCTCAGGGATTTAGATAAACCTATGCTCAAAGCAGAGGGGAAG
 GCACCCAGAGACAGCTCCACCTGTGCCCCAGGGAGCTGGAGGCGGTGCGGGGGCAGGGAGGTATAAAG
 GGCCAGCCCTATAGAAGGCTGGAGACACTGGTCTCCGGATCAAGGACAGAGCCTCGCCAAGTCACTCCCA
 GCTCTCTCATCTGGCAGTCCCTGAGCCACTGTCGCCGAGATGGGAGTCTGGCTCCTTTCCCTGATAACTG
 TGCTGCTGCTTTAGCCCTGAAACCGCTGGACAAGGAGAAAGGATTATAGATGGCTACAAATGTAAGA
 AGGCTCGCACCCATGGCAGGTGGCTCTGCTCAAAGGCAATCAGCTTCACTGTGGAGGGGTGCTGGTGGAC
 AAATACTGGGTGCTCACAGCAGCCCACTGCAAAATGGGTGAGTACCAAGTACAGCTGGGCAGTGATAAAA
 TAGGGGACCAGAGTGCCAGAAGATCAAGGCTACAAAGTATTCCGGCACCTGGCTACTCCACAAAGAC
 CCACGTCAATGACATCATGCTTGTGAGGTTGGATGAGCCAGTCAAGATGTCATCCAAAGTGGAGGCAGTC
 CAGCTTCTGAACACTGTGAACCCCAAGGACGTATGTACCGTCTCTGGATGGGGCACCACAACCAGCC
 CAGACGTGACCTTTCCCTCGGATCTTATGTGCTCGGATGTGAAGCTCATCTCCTCCAGGGAGTGAAGAA
 GGTGTACAAGGACCTGCTGGGAAAACCATGCTGTGTGCTGGCATTCTGACTCTAAGACCAACACGTGC
 AATGGTGACTCAGGGGGGCCCTTGGTGTGCAACGACACCCCTCAAAGTCTGGTGTCTGGGGTACCTACC
 CTTGTGGCCAGCCCAACGACCCAGGCGTCTACACTCAAGTCTGCAAGTACAAACGGTGGGTGATGGAGAC
 CATGAAAACCCATCGCTAACATGCCAGGAGCCGAGCTGTGAGCCTTTGAGGTTATGATCATGGAGTAAGG
 ACATCGTGGCATCCCTGTAAAGTCTGCCTGGCTTTACCTTTCTCCAGGACATAGCCAAACCTCAACAC
 TAGGTTAAGTTTATAAACCAATCAGAACCCAGAGACCTAAAAGCAAATCAAGGCAAGAGACTAAGAAAC
 CTGAGGGCTGTGGAAGATGCCAGAAGGCTAAAGCTTTCCAATACAAGAGCCAGGGATTCTACAGTCCTT
 TATTGGAAAGTGGTTGGTAACTGTGAGACCTTCACTCCACTGCCTTGGACTCAGGTCATCCATTTCTGCAG
 AGTTCTTTCTCAA

Restriction Sites: RsrII-NotI
ACCN: NM_011872
Insert Size: 750 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:	BC027823 , AAH27823
RefSeq Size:	1379 bp
RefSeq ORF:	750 bp
Locus ID:	23993
UniProt ID:	Q91VE3
Cytogenetics:	7 28.27 cM
Gene Summary:	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]