

Product datasheet for **RN207228**

Klk1 (NM_012593) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klk1 (NM_012593) Rat Untagged Clone
Tag: Tag Free
Symbol: Klk1
Synonyms: Kal; KALA; Klk1c7; Klk1i; Klk5; Klk7; RATKALA; RGK-7; RSKG-7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207228 representing NM_012593
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGTTCCTGATCCTATTCTCGACCTGTCCCTGGGGCAGATTGATGCTGCACCTCCCGGCCAGTCTC
 GGGTTATTGGAGGATATAAATGTGAGAAGAATCCCAACCCTGGCAAGTGGCTCTATACAGCTTCACGAA
 ATACCTCTGCGGGGTGCTCTGATAGACCCAGCTGGGTGATCACGGCTGCCACTGCTCTAGCAACAAT
 TACCAGGTTTGGCTGGCCGAAACAACCTATTAGAAGATGAACATTTGCTCAGCACCGGCTTGTCAGTC
 AAAGCTTCCCTCACCTGACTACAAACCATTCTCATGAGGAACACACCCGAAAACCTGGCGATGACCA
 CAGCAATGATCTGATGCTGCTACATCTCAGCCAGCCTGCGGACATCACAGATGGGGTGAAGTTCATCGAT
 CTGCCACTGAGGAGCCCAAGGTGGGGAGCACCTGCCTTGCCTCAGGCTGGGGCAGTACCAAACCCCTTA
 TATGGGAATTCCTGATGATCTCCAGTGTGTGAACATCCACTACTGTCTAATGAGAAGTGCATCAAAGC
 CTACAAAGAAAAGGTGACAGATCTGATGCTGTGTGCAGGAGAGTTGGAAGGAGGCAAGACACTTGACAG
 GGTGACTCAGGAGGCCCTCTCTGTGATGGTGTGCTCCAGGGCATCACATCATGGGGCTGTCCCAT
 GCGCCAAAACCAACATGCCAGCCATCTACACCAAACCTATTAAGTTCACCTCTGGATAAAAAGAAGTTAT
 GAAGGAAAACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012593
Insert Size: 786 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_012593.1 , NP_036725.1
RefSeq Size:	786 bp
RefSeq ORF:	786 bp
Locus ID:	24523
UniProt ID:	P36373
Cytogenetics:	1q22
Gene Summary:	serine protease; involved in processing of bioactive peptides [RGD, Feb 2006]