

Product datasheet for **RN208646**

Klk1c10 (NM_001135173) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Klk1c10 (NM_001135173) Rat Untagged Clone

Tag: Tag Free

Symbol: Klk1c10

Synonyms: Klk10; rGK-10

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN208646 representing NM_001135173
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTTCCTGATCCTGTTCTCGCCCTGTCTCTGGGAGGGATTGATGCTGCACCTCCTGGCCAATCTC
GGATTGTTGGAGGATATAAATGTGAGAAGAATCCCAACCCTGGCAAGTGGCTATCATCAATGAATACCT
ATGCGGGGGTGTCTGATAGACCCGAGCTGGGTGATCACGGCTGCCCACTGCTATAGCAACTATTACCAT
GTTTTGTTGGGTCGAAACAACCTATTTGAAGATGAACCTTTGCTCAGTACCGGTTTGTCAACCAAAGCT
TCCCTCACCTGACTACAAGCCATTTCTCATGAGGAACACACCCGACAACGTGGAGACGACTACAGCAA
TGACCTGATGCTCTCCACCTCAGCGAGCCTGCTGACATCACAGATGGGGTGAAGGTCATTGATCTGCCC
ACGGAGGAGCCCAAGGTGGGAGCACCTGCCTTGCCCTCGGGCTGGGGCAGCACCAAAACCCCTGAATTGGG
AATTACCTGATGATCTCCAGTGTGTGAACATCCACCTACTGTCTAATGAGAAGTGCATCGAAGCCTACGA
ACAGAAGGTGACAGATCTCATGCTGTGTGAGGAGAGATGGATGGACGCAAGACACTTGAAGGGTGAC
TCAGGAGGCCCTCATCTGTGATGGTGTGCTTCAAGGCATCACATCGTGGGGCAATGTCCCATGTGCTG
AACCTATAACCCAGGTGTCTACACTAACTTATTAAGTTCACCTCCTGGATAAAAGAAGTTATGAAGGA
AAACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001135173

Insert Size: 780 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:	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:	<u>NM_001135173.1, NP_001128645.1</u>
RefSeq Size:	820 bp
RefSeq ORF:	780 bp
Locus ID:	292858
UniProt ID:	<u>P36375</u>
Cytogenetics:	1q22
Gene Summary:	Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. This protein may be involved in the regulation of renal function.[UniProtKB/Swiss-Prot Function]