

Product datasheet for **RN200450**

King2l1 (NM_001102418) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: King2l1 (NM_001102418) Rat Untagged Clone
Tag: Tag Free
Symbol: King2l1
Synonyms: kininogen; KINKG; KINKH; Kng1; Kng2; Kngk
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200450 representing NM_001102418
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGCTAATTACTATCCTGCTCCTCTGCTCCAGGCTCCTGCCAAGTTAGCGCAGGAAGAAGATGCC
AGGAAATGGACTGCAATGATGAGAGTCTTTTCAGGCTGTGGATACTGCTCTGAAGAAATATAATGCTGG
GTTAAAAAGTGGCAACCAGTTTGTGTTGTACCAAGTACTGAGGGCACTAAGAAGGATGGCTCTAAAACA
TTTTATTCCCTCAAGTATCAAATCAAGGAGGGAACTGCTCTGTTCAAGTGGCTTCGCCTGGCAGGACT
GCGACTTCAAGGACGCTGAGGAAGCCGCTACTGGTGAATGCACAGCAACTTTGGAGAAGAGAAGAAATAA
TAAATTCTCCATAGCCACCCAGATCTGCAATATTACTCCGGTAAGGGTCCCATAGTGACAAACGAGTAC
CACTGTCTGGGGTGTATGCACCCATCTCGGTGGATAGCCAGAGTTGGGGCCTGTTCTGAAACACGCTG
TGGAGCATTTCACAACAACACGAAGCACACCCACCTCTTTGCTCTCGGAGAAGTAAAGAGTGCTGACAG
ACAGGTGGTAGCTGGCATGAATTATCAAATTATCTACTCCATTGTGCAACAAATTTGTTCAAAGGAGGAT
TTTCTTCCCTCCATGAAGACTGCGTGCCCTTCCCAGTGGTATGATGGTGAATGTAAGGGTAATGCCT
TCGTGGATATTCATAAAACAATTGCCGGCTTCTCAGACAGCTGTGAATTTTATCCAGGAGATGATTTGTT
CGAACTACTTCCAGGATTGCCCTGGCTGCCAGAAACATACCTGTAGACAGCCAGAGCTGAAGGAG
GCACTTGGTCATTCCATTGCACAACCTAATGCAGAGAATAACCATACTTTCTATTTCAGATTGACACCG
TGAAAAAGGCAACATCACAGGTGGTTGCTGGAACAAAATATGTGATTGAGTTCATAGCCAGAGAAACCAA
ATGTTCCAAGGAAAGTAACGCAGAACTGACAGCAGATTGTGAGACCAAACGCCTCGGTCAAAGCCTCAAC
TGCAATGCTAACGTGTACATGAGACCTTGGGAGAACAAGTCGTCCCGACTGTCAAATGCAAAGTACTAG
ACATGACATCAGTGATAAGAAGGCCTCCAGATTTTACCTTTCCGGGCACCTCGAGTAAAAAGCCTAA
AGAAAGTACAAC TAGGCTCCTAAACTCATGTGAGTACAAGGCAGACTCTTAAAGGCAGGGCAGGCCCA
GCGCTGAGCGTCAGGCAGAAGCTTCAACCGTGACACCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001102418
Insert Size:	1302 bp
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:	<u>NM_001102418.1</u> , <u>NP_001095888.1</u>
RefSeq Size:	1565 bp
RefSeq ORF:	1302 bp
Locus ID:	25087
Cytogenetics:	11q23
Gene Summary:	<p>precursor protein of kinin which is found in plasma; cysteine protease inhibitor and a major acute phase reactant [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, and includes an alternate penultimate exon, compared to variant 1. It encodes isoform 2, which has a shorter and distinct C-terminus, compared to isoform 1.</p>