

Product datasheet for **RN200451**

Kng2l1 (NM_012741) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kng2l1 (NM_012741) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kng2l1
Synonyms:	kininogen; KINKG; KINKH; Kng1; Kng2; Kngk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200451 representing NM_012741
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCTAATTACTATCCTGCTCCTCTGCTCCAGGCTCCTGCCAAGTTTAGCGCAGGAAGAAGATGCCC
 AGGAAATGGACTGCAATGATGAGAGTCTTTTTTCAGGCTGTGGATACTGCTCTGAAGAAATAATGCTGG
 GTTAAAAAGTGGCAACCGTTTGTGTTGTACCAAGTACTGAGGGCACTAAGAAGGATGGCTCTAAAAACA
 TTTTATTCCTTCAAGTATCAAATCAAGGAGGAACTGCTCTGTTTCTGAGAGTGGCTTCGCCTGGCAGGACT
 GCGACTTCAAGGACGCTGAGGAAGCCGCTACTGGTGAATGCACAGCAACTTTGGAGAAGAGAAGAAATAA
 TAAATTCTCCATAGCCACCCAGATCTGCAATATTACTCCGGTAAGGGTCCCATAGTGACAAACGAGTAC
 CACTGTCTGGGGTGTATGCACCTATCTCGGTGGATAGCCAGAGTTGGGGCCTGTTCTGAAACACGCTG
 TGGAGCATTTCAACAACAACACGAAGCACACCCACCTCTTGGCTCTCGGAGAAGTAAAGAGTGTGACAG
 ACAGGTGGTAGCTGGCATGAATTATCAAATTATCTACTCCATTGTCAAACAAATTTGTTCAAAGGAGGAT
 TTTCTTCCCTCCATGAAGACTGCGTGCCCTTCCCAGTGGTGTATGATGGTGAATGAAGGGTAATGCCT
 TCGTGGATATTCATAAAACAATTGCCGGCTTCTCAGACAGCTGTGAATTTTATCCAGGAGATGATTTGTT
 CGAACTACTTCTGAGGATTGCCCTGGCTGCCCCAGAAACATACCTGTAGACAGCCAGAGCTGAAGGAG
 GCCTTGGTCAATCCATTGCACAACCTTAATGCAGAGAATAACCATACTTTCTATTTCAAGATTGACACCG
 TGAAAAAGGCAACATCACAGGTGGTGTGCTGGAACAAAATATGTGATTGAGTTCATAGCCAGAGAAACCAA
 ATGTTCCAAGGAAAGTAAACGCAGAACTGACAGCAGATTGTGAGACCAAACGCCTCGGTCAAAGCCTCAAC
 TGCAATGCTAACGTGTACATGAGACCTTGGGAGAACAAAGTCGTCGGGACTGTCAATGCAAAGTACTAG
 ACATGACATCAGTGATAAGAAGGCCTCCAGGATTTTACCTTTCCGGGCACCTCGAGTAAAAAGCCTAA
 AGAAAGTACAACCTGTAAGTCCATCCTACATTGCCAGGGTGAAGAAGAGAGGGATCCAGGAAATGAACAA
 GGACCCATCCATGGGCATGGCTGGTTCATGCAAAGCAAATAAAGAATAAGAATCACAAGGTCATAAGC
 ATGGGCATGGTATTGGCCATGGACACCAGAAACCATGGCCTTGGTCATGGACATCAACTTAAACTTGA
 TGATCTTAAACAGCAAAGGGAAGACGGCTATGACCATAGACATCCAGTGGGACATGGTCAATGGTCAGAGG
 CATGGTCAATGGTCAATGGTCAATGGTCAATGGTCAATGGTCAATGGTCAATGGTCAATGGTCAATGGTCA
 ACTGACCATGAGAGACCTTTGACAAGCTTCTGAAGACAATACTACATCTACACAGATACAGGG
 GAGGACAGAGGGTTACCTTGAACCTCCCTAGCTCAGCCAGCTGTTATCTCTCGTGGTTTTCCAGGAC
 TCAGGTTTCACTGAAGGTGTATAGCTACCACATCACCATATGACACGGAGACCCATGATGATTTGATCC
 CTGATATCCATGTACAACAGATAGCCTTTTCAATTAAGCTGATATCTGACTTTCCAGAAGCAACTCCCA
 CAAGTGTCTGGGCGCCATGGAAGCCAGTTAGTAGGAAGGATCCAACCATAGAAACAACAGAATTTTCT
 GATTTTGTCTCTCGATGCTCTTTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_012741
- Insert Size:** 1920 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:

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_012741.1](#), [NP_036873.1](#)

RefSeq Size: 2100 bp

RefSeq ORF: 1920 bp

Locus ID: 25087

UniProt ID: [P08934](#)

Cytogenetics: 11q23

Gene Summary: precursor protein of kinin which is found in plasma; cysteine protease inhibitor and a major acute phase reactant [RGD, Feb 2006]
Transcript Variant: This variant (1) encodes the longer isoform (1).