

Product datasheet for **RN205111**

Kit (NM_022264) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kit (NM_022264) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kit
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN205111 representing NM_022264
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGAGGCGCTCGGGCGCCTGGGATCTGCTCTGCGTCTGTTGGTCTGCTCCGTGGCCAGACAGGGA
 CTTCTCAGCCATCTGCGAGTCCAGGGGAGCCGCTCCACCATCCATCCAGCCGGCCAGTCAGAGTTAAT
 AGTTGAAGCCGGGACACCATCAGGCTGACGTGCACTGACCCCGCCTTTGTCAAATGGACTTTTCGAGATC
 CTCGATGTAAGGATTGAGAATAAGCAGAGCGAATGGATTCCGAGAAAAAGCCGAGGCCACTCACACGGGCA
 AATACACGTGCGTCAGCGGCAGCGCCCTCAGGAGCTCTATTTACGTGTTTCGTTAGAGATCCTGCCGACT
 TTTCTGGTTGGCCTTCCTTGTGGCAAAGAAGACAACGACGCACTGGTCCGCTGCCCTGACAGAC
 CCACAGGTGTCCAATTACTCCCTCATTGAGTGTGATGGGAAATCTCTCCCACGGACCTGAAGTTCGTCC
 CCAACCCCAAGGCTGGCATTACCATCAAAAACGTGAAGCGCGCCTACCACCGGCTGTGCATCCGGTGTGC
 TGCCACGCGTGAGGGCAAATGGATGCGGTCTGACAAATCACCTCAAAGTGAGAGCAGCCATCAAAGCT
 ATCCCAGTGGTGTCTGTGCCGAAAACAAGTCATCTCCTTAAGGAAGGGGACACATTTACGGTGTATGCA
 CCATAAAAGACGTGTCTACATCCGTGGACTCCATGTGGATAAAGTTGAACCCCTCAGCCTCAGAGCAAAGC
 CCAGGTAAGCGCAATAGCTGGCATCAGGGCGACTTCAATTACGAACGCCAGGAGACGCTGACTATCAGC
 TCAGCAAGAGTTAACGATTCGGAGTGTTCATGTGTTATGCCAATAATACTTTTGGATCAGCAAATGTCA
 CAACAACCTTGAAAGTAGTAGAAAAGGGATTTCATCAACATCTTCCTGTGAAGAACACTACGGTATTTGT
 AACTGATGGGGAAAATGTAGACTTGGTTGTTGAGTTCGAGGCCTACCCTAAACCTGAACACCAGCAGTGG
 ATCTACATGAACAGGACGCCCTACTAACAGAGGGGAGGATTATGTCAAATCCGACAACCAAAGCAACATCA
 GATATGTGAACGAACTTCGCCTGACCAGATTGAAAGGCACAGAAGGAGGCCACTACACCTTCTGGTGTGC
 CAACTCTGATGTAGTGCCTTCGGTACATTTGATGTTTATGTGAACACAAAACCAGAAAATCCTGACATAT
 GACAGGCTCATGAATGGCAGGCTCCAGTGTGTGGCGCGGGATTCCCGGAGCCACAATAGATTGGTATT
 TTTGTACAGGGGCAGAGCAAAGGTGTACCGTTCCTGTCCCGCCAGTAGACGTACAGATCCAGAATGCGTTC
 TGTGTACCATTGGAAAACCTGGTGTTCAGAGTTCATAGACTCCAGCGTCTTCGGCACAACGGCAGC
 GTGGAGTGAAGGCTCCAACGCTGTGGCAAGAGCTCTGCCTTCTTAACTTTGCATTTAAAGGTAACA
 GCAAAGAGCAAATCCAGCCACACCCCTGTTACGCGCTGCTCATTGGTTCGTGGTTCACAGCCGGCTT
 GATGGGGATCATTGTGATGGTCTTGCCTACAAAATATTTGCAGAAACCCATGTATGAAGTACAATGGAAG
 GTTGTGCGAGGAGATAAATGGGAACAATTATGTTTACATAGACCCAACGCAGCTTCTTATGACCACAAAT
 GGGAGTTTCCAGAAACAGGCTGAGTTTGGAAAGACCTTGGGAGCTGGTGCCTTTGGGAAGGTAGTTGA
 GGCCACTGCCTATGGCTAATTAAGTCCGATGCCGCCATGACGGTTGCCGTGAAGATGCTCAAACCAAGT
 GCCCATTTAACGGAAAGGGAGGCCCTAATGTGAGAACTGAAGTCTGAGCTACCTGGGTAATCACATGA
 ATATCGTCAACCTCCTGGAGCGTGTACCGTGGGAGGGCCACCCTGGTCAATACAGAATACTGTTGCTA
 TGGTGATCTTTGAAATTTCTTGAGAAGAAAGCGTGACTCGTTATTTTCTCAAAGCAAGAAGAACAGGCA
 GACGCCGCACTTATAAGAACCTTCTGCATTCAAAGGAGTCTTCCTGTGACAGCTCAAACGAGTACATGG
 ACATGAAGCCTGGCGTTTCCTACGTGTAACCAACCAAGACAGACAAAAGGAGATCCGCAAGAATAGACTC
 GTATATAGAAAAGAGAGCTGACTCCCGCCATCATGGAAGATGACGAGCTGGCTCTGGACCTGGAAGATTTG
 CTGAGCTTTTCTACCAGGTGGCCAAGGCATGGCGTTCCTCGCCTCAAAGAAGTATTACAGAGATT
 TGGCAGCCAGGAATATCCTCCTCACTCACGGGCGGATCACAAAAGATTTGCGATTTTCGGCCTAGCCAGAGA
 CATCAGGAATGATTGCAATTACGTGGTAAAAGGAAATGCACGGCTGCCCGTGAAGTGGATGGCACCAGGAG
 AGCATTTCAACTGCGTGTACACATTTGAAAGTACGCTCTGGTCTATGGGATTTTCTCTGGGAGCTAT
 TCTCTAGGAAGCAGCCCTACCAGGGATGCCGGTGCATTCCAAGTTTACAAGATGATCAAGGAAGG
 TTTCCGAATGCTCAGCCCTGAGCAGCGCCTGCCGCAATGTATGAAGTTATGAAGACTTGTGGGATGCT
 GATCCCCTGAAAAGGCCAACATTCAAGCAGTTGTTTCAGCTCATTGAGAAGCAGATCTCAGACAGCAGCA
 AACATATTTACTCCAATTAGCAAATGTAACCCCAACCCAGAGAACCCCGTGGTGGTGGACCATTCTGT
 GAGGGTCAATTCGTGCGCAGCAGCACCTTCCACACAGCCTCTCTCGTGCATGAGGACGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022264
Insert Size:	2937 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_022264.1, NP_071600.1</u>
RefSeq Size:	3816 bp
RefSeq ORF:	2937 bp
Locus ID:	64030
Cytogenetics:	14p11
Gene Summary:	transmembrane receptor; deletion mutation is associated with anemia and deficiency in mast cells and melanocytes in the Ws mutant allele of rats [RGD, Feb 2006]