

Product datasheet for **RN202625**

Prox1 (NM_001107201) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prox1 (NM_001107201) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prox1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202625 representing NM_001107201
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGACCATGACAGCACAGCCCTCTTAAGCCGGCAAACCAAGAGGAGAAGGGTTGACATTGGAGTGA
 AAAGGACGGTAGGGACAGCATCTGCATTTTTGCTAAGGCAAGGGCAACATTTTTTCAAGTCCATGAATCC
 CCAAGGTTCCAGAGCAGGATGTTGAATATTCTGTGGTGCAACACGAGATGGGGAAAAGTCAATGTACTC
 CGCAAGCTGCTGAAGAGGGCGAACTCGTATGAAGATGCCATGATGCCTTTCCAGGAGCAACTATAATTT
 CCCAGCTGTTGAAAAATAACATGAACAAAAACGGTGGCACCGAGCCAGTTTCCAAGCCAGCGGACTCTC
 TAGCACGGGCTCTGAAGTACATCAGGAGGATATATGTAGCAACTCTTCAAGAGACAGCCCCCAGAGTGT
 CTTTCCCCTTTTGGCAGGCTACTATGAGCCAGTTTGATGTGGATCGCTTATGTGATGAGCACCTGAGAG
 CAAAGCGCGCCCGGTTGAGAATATCATTCCGGGTATGAGCCATTCAGGAGTGTGGCATTAAAGGGGCAA
 TGAAAACGAAAGAGAGATGGCCCGCAGTCTGTGAGTCCCGAGAAAGTTACAGAGAAAAACAAACGCAAG
 CAGAAGCTGCCAGCAGCAGCAACAGAGTTTCCAGCAGCTGGTTTCAGCCCGAAAAGAACAAGAAGCGAG
 AGGAGCGCCGACAGCTGAAACAGCAGCTGGAAGACATGCAGAAGCAGCTGCGCCAGCTGCAGGAGAAGTT
 CTACCAGTCTACGACAGCACCGACTCCGAAAATGATGAAGATGGCGACCTGTCTGAAGACAGCATGCGC
 TCAGAGATCCTGGATGCACGGGCCAGGACTCGGTGGGGCGCTCAGACAAAGAGATGTGTGAGCTGGACC
 CGGGGCAGTTCATCGACAGGGCCGAGCCCTCATCAGGGAGCAGGAGATGGCCGAGAACAAGCCTAAACG
 AGAAGGCAGCAACAAAGAAAGAGACCACGGGCCAACTCCCTGCAGCCGGAAGGCAAGCATCTGGCAGAG
 ACCTTAAAACAGGAGCTGAACACGGCCATGTACAGGTCGTGGACACAGTGGTCAAAGTCTTCTCAGCCA
 AACCTCTCGCCAGGTTCCCTCAGGTTCCACCTCTCCAGATCCCCAGGCCAGATTTCAGTCAATGG
 GGAAAACCAACAATTTCCACACCGCCAACCAGCGCTGCAATGCTTTGGTGATGTCATCATTCCGAACCCC
 CTAGACACCTTTGGCAATGTGCAGATGCCTAGTCCACAGACCAGACGGAAGCCCTTCCCCTGGTGGTCC
 GAAAAAATCATCTGAGCAATCCGCTCTGGCCCGGCCACTGGTGGCCACCACCAGCCCTGCACCAGTCC
 GCCCTTTCTGCCACCGCAGGCTTACCACCCCGACTTCCGCCATCCCTTTCCCCTGCCCTTAATGGCT
 TACCCATTTAGAGTCCATTAGGTGCTCCCTCCGGCTCCTTCTCGGGAAAAGACAGAGCCTCTCTGAGT
 CCTTAGACTTGACTCGGGACACAACGAGTCTGAGGACCAAGATGTCATCCACCACCTGAGCCACCACCC
 CTGTTCCACAGCACACCCACCCAGCACCAGCAGGACTCTTTGTCACTATAAAGTCCGAGTGTGGA
 GATCTTCAAGATATGTCGACATCTCTCTTATTCGGGAAGCGCAATGAAGGGCTATCACCAATCACTT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107201

Insert Size: 1752 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_001107201.1](#), [NP_001100671.1](#)

RefSeq Size: 4129 bp

RefSeq ORF: 1752 bp

Locus ID: 305066

Cytogenetics: 13q27