

## Product datasheet for RN211736

### Prex1 (NM\_001135718) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Prex1 (NM\_001135718) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Prex1  
**Synonyms:** RGD1306534  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211736 representing NM\_001135718  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**

ATGGAGGGCGCCGGCAGCGGTAGTGGCGATGGCGGGGGACCCAGGCGGGGACGGTGCGCATCCC  
 GATGCTCGCGGTCCCAGCTCCGGGCCATGCGCGGCCGCCCGCGACTCGGAGCGCCAGCTGCGCCTCCG  
 TCTGTGCTACTCAACGAGATCCTGGCCACCGAGCGGACTACGTGGGCACCTTGGCTTCTGTCAGT  
 CGGCGTTCCTACAGCGGATCCGGCAGAATGTGGCCGACTCTGTGGACAAGGGCCTCACGGAAGA  
 GAAATGTCAAGATCCCTCTCCAACATTGAGGACATCTTGGAGGTCCATAAGGATTTTTGGCTGC  
 CCCTGGAATACTGCCTACA  
 TCCGGAGCCCCAGTCTCAGCACGAACCTGGGAATGTTTTCTTGAATTTAAGGACAAGTCTGTGT  
 GTATGAGGAGTACTGCAGTAACCACGAGAAGGCCCTGCGTCTGTTGGTGGAGCTCAACAAGGTCC  
 CTGCCGCTCGCCTTCTCCTGAAGTGCATGCTTCTGGGAGGCCGGAAGACCACGGACATCCCTCT  
 GGAGGGCTACCTGCTGTCCCCCATCCAGAGGATCTGCAAGTACCCACTCCTGCTCAAGGAGTTAT  
 CTAAGAGGACCCCGGGAAACACCCTGACCATCCGCGGTACAGAGCGCCCTGCAAGCCATGAAGA  
 CCGTCTGCTCCAACATCAATGAGACCAAGAGGCAGATGGAGAAGCTGGAGGCCCTGGAGCAGT  
 GCAGTCTCACATCGAAGGCTGGAGGGCTCGAACCTCACAGACATCTGCACCCAGCTTCTCCTT  
 CAGGGCACTCTGCTGAAGATCTCTCGAGGCAACATCCAAGAGAGAGCCTTCTTCTCTTCGACA  
 AACTTGCTCGTCTACTGCAAGCGGAAATCTAGGGTCACTGGAGCAAGAAATCTACCAAGAGG  
 ACCAAGTCCATCAACGGCTCCCTGTACATCTTCAGGGGTCGGATCAACTACTGAGGTCATGGA  
 AGTGGAGAATGTGGAAGACGGGACAGCCGATTACCACAGCAATGGCTACACCGTCAACCAAT  
 GGCTGGAAGATCCACAATACAGCCAAAAACAAGTGGTTTGTGTATGGCCAAGACAGCAGAGG  
 AGAAGCAGAAGTGGCTGGACGCCCTGATCCGAGAGCGGGAGCAGGAGAGCCTGAAGCTGGGCAT  
 GGAAGCAGCATACGTCATGATTGCGGAGAAGGGGAGAAGCTGTATCACATGATGATGAGCAAGA  
 AGGTGAAGTCAAGGACCGCGACGGAAGCTGAGCACCCTCCCAAGTCTTCTTGGCAATGAGTTT  
 GTCGCTGGCTCCTGGAATGGTGTGATCAGCAAGACAGAAGAAGGGTCAACTTGGGCCAGGCC  
 CTGTTGGAAGATGGCATATCCACCAGTCTCCGACAAGCATCAGTTCAAGAACGAGCAGGTGAT  
 GTATCGCTTCCGCTACGACGATGGCACCTACAAAGCCCGCAGCGAGCTGGAGGACATCATGTCC  
 AAGGGCGTGAGACTCTATT



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GCCGGCTTACAGCCTGTACGCCCCGTGATCAAGGACCGTGATTACCACCTGAAGACCTACAAGTCCGT  
 GGTCCCGGGAGCAAGCTGGTCGACTGGCTCCTGGCACAGGGGACTGCCAGACACGGGAGGAGCGGTG  
 GCGCTGGGTGTGGCCTGTGCAACAACGGTTTCATGCACCATGTTCTGGAGAAGAGCGAATTCAGGACG  
 AGTCTCAGTACTCCGCTTCCATGCGGACGAGGAGATGGAAGGGACCAGCAGCAAGAACAACAGCTTCG  
 CAACGACTTCAAGCTAGTGGAGAACATCCTGGCCAAGCGGCTGCTGATCCCGCCGAGGAGGATGACTAT  
 GGCTTCGATCTTGAGGAGAAGAACAAGGCAGTGGTGGTGAAGTCCGTGCAGAGGGGTTGCTGGCTGAGA  
 TGGCTGGCCTGCAGGCGGGGAGGAAATTTACTCCATCAACAGGACCTGGTGTTCCTACGGCCCTTCTC  
 TGAGGTGGAGACCATCCTTAACCACTCCTTCTGCTCCCGCCGCCGCTGCGCCTCCTGGTGCCACCAAG  
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 GGTGTGGTTTATGAATACGTGAGCACAGCAGGACCAAGTGTACGCTGTGAAAAGATCGTGGAGCCCC  
 GAGGCTGTTTCCGCTGGCTGCCAAGATCCTTGAGGCCTTGGCGAGGACGACAGCCTTTCGTGCAGAA  
 CTGTGGGCGGCTCATGGCCATGGGCAGCGCTATCATCACCATGTCCCCTACGAGTTCACAACATCTGT  
 GACACCAAGCTGGAGAGCATTGGCCAGAGAATCGCTGCTACCAGGAGTTTGCAGCCAGCTGAAGAGCA  
 GGGTCAGCCCCCTTCAAGCAGGACCCCTGGAGGACACCCGCTGTGTGGCCTGGACTTCTGCCCTAC  
 CAACTGCCACATCAACTTCATGGAGGTGTCTACCCCAAGACCACCCCTTCAAGTGGGAGGTCCTTCAGC  
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 ACACCCAGCACTGTATCACCACCATGGCTGCCCGTCTGGAAGTGCAGGCTGTGTAGATGGGAGACTC  
 TCAAAGCAAGGTCTCATTGACAGTATCTCGTGTGAGCAGTGGTCCCTGAGCCAGCAAGAAGGGGGC  
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 ATGTGGCCCTCAAGGAGATGAAGCAGTATGTCACCCAGATCAACAGGCTGCTGTCAACCATCACAGAGCC  
 CACGTCAGCTGCACCCTGTGACCACCCCTTGGTGGAGGAGACCTCATCTTCCCCACCGCCAGTGAAGAG  
 AGCGAAGTGGACAGGACTGACCATGGCGGCATCAAGAAGGTGTGCTTCAAGGTGTGAGGAGCAGCAGG  
 AAGACTCGGGCCACGACACCATGAGCTACCGAGACTCCTATAGTGAAGTAAACAGCAATCGTACTCTGT  
 CCTGTCTACACCAGCGTGAGAAGCAACAGTTCGTACCTGGGAGTGTGAGACAGGCTCAGGGGATGAG  
 CTGCCCTGTGACATACGCATCCCATCCACAAGCAGGACAACTTACCGCTGCCTGGAACATCTCTTTA  
 ACCAGGTGGATTCCATCCATGCCCTGCTCAAGGGCCTGTGATGAGCAGGGCGTTTGGAGAGACCAGGCA  
 TTTCCCATGGAGCACAGCTGGCAAGAGTTCAAACAGAAAGAAGATGCACAGTCCGAGGCGGAACTTG  
 ATCCAGATCAGCATCCAGGAGGACCCCTTGAACCTACCCAGCTCCATCAGGACCCCTGGTAGACAACATCC  
 AGCGATATGTGGAAGATGGGAAGAACCAGCTGCTTCTGGCCCTGCTGAAATGCACAGACACGGAGCTGCA  
 GCTGCGCAGGGATGCTGTCTTCTGTGAGGCCCTGGTGGCCGCGTGTGCACCTTCTCGGAGCAGCTGCTG  
 GCCGCCCTCGACTACCGCTACAACAACAACGGCGAGTATGAAGAGAGCAGCAGAGACGCCAGCCGCAAGT  
 GGCTGGAGCAGGTGGCAGCCACCGGTGTCTGCTGACTGGCAGTCCCTGCTGGCACCAGCCACCGTGAA  
 AGAGAACGGACCATGCTGGAGGACATCTGGGTGACACTGTGAGGCTGGACAATGTACCTTCTCCTTT  
 AAGCAGCTGGATGAGAATCTGTGGCCAACACCAACGTCTTCTACCACATTGAGGGCAGCAGGCAGGCAC  
 TGAAGGTAGTCTTCTACCTCGATGGCTTCCACTTCTCCAGGCTGCCCTCTCGCCTGGAGGGTGGGCCAG  
 CCTCAGGCTGCACACCCTGCTATTACAAAAGCTCTGGAGAATGTGGAAGGGCCGTCGCCCCAGGAAGC  
 CAGGCTGCAGAAGATCTGCAGCAGGAGATCAATGCGCAGTCCCTGGAGAAGGTTGAGCAGTACTATAGAA  
 GGCTCAGGGCCTTCTACCTGGAGCGGTCCAACCTCCCCACAGATGCTACCACCACAGCTGTGAAGATCGA  
 CCAGCTGATCCGTCATCAACGCCCTGGACGAGCTCTACCGCTCATGAAGTCTTCTGTGACCCGAA  
 GCTGGTGTGGTGGGAGCCTAGGTGCCGGCCTCGTCCCGTCTCCTCTGAGCTGCTGCTACCGTCTGGGG  
 CGTGTGATCACCATGTGTGGCACCAGCATGCAGCGGAGCACCCTGAGCGTGTCTTGGAAACAAGCAGC  
 CATCTTGGCTCGGAGCCACGGGCTGCTGCCAAGTGTGTTATGCAGGCCACAGACATCATGCGCAAGCAG  
 GGCCCCGAGTGGAGATCCTGGCAAAAACCTCCGCATCAAAGACCCAATGCCCAAGGTGCACCACGCC  
 TCTACCGCTCTGCCAGCCTCCGGTGGATGGAGACCTTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-RsrII
<b>ACCN:</b>	NM_001135718
<b>Insert Size:</b>	4941 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001135718.1</a></u> , <u><a href="#">NP_001129190.1</a></u>
<b>RefSeq Size:</b>	5438 bp
<b>RefSeq ORF:</b>	4941 bp
<b>Locus ID:</b>	311647
<b>Cytogenetics:</b>	3q42