

Product datasheet for **RN207353**

Proca1 (NM_001025758) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Proca1 (NM_001025758) Rat Untagged Clone
Tag: Tag Free
Symbol: Proca1
Synonyms: MGC116192
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207353 representing NM_001025758
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTGGGTCAGGACGACAGTAACGATTAGAAGATGGAGTGAGGAAAAGTCTGGCTGCAACCATGAGAGAT
ACCCGAGAAGTATATAACCGATTGCCAGCTGGAAGAGAGGATATCCGGCTAGTGTGGAATCCAGCAG
TGATATGTCTTCTTTCTGAAGGTGAGAACAGGAGACAGAGAGATGTTGCTGGAACACCAGCAGTGT
CCTGTGCATATCATCCACTCCTTCTCGGACTGTGGCCATCACAACAGATGTATGCATGCTGTCAGCCACT
GCAACTGTGAATCTAGGTGCCAAAGCTACAGGCCCATCTCCGTGGCAATATTTACCATCCCACCCACCA
TATGTATATGACAGATGACCTAAATGATTTAGAAGCGAACAGCTCGCCATCACAAATAACTTATGTTC
ACTGACAGACCTACTGACCCAAACTCAGTTGAGTCAACAAGTGGGGCTCCTGACTTATCAGCGCCCATCA
CCATCTGGCGTTCTGCAAGCCCCATAGACAAGTGTGAGGAAGGCAAGGTCATCAAGAATATAAAGAAGAA
AAAGAAAGAGAAAGACAAGGAGGAGATGATGGTGGATGAAAAGCCAAAGTTGAAGAAAAAGCCAAGGGC
AAGTTAATTAAGAAGAAAAGCCCAATGAAGTCAGAGTCTCCCTGCAGACTTGAGCCATTCAATAAGCC
CAAGAGAACTAGTGAGGACATCAGAGTCTAGCCAGACAGCCGGGAAGGGCTGGAGAGTGAGGACAGTTA
TGAACGGGTAAAGAAAGGCCCTCCAGTGAAGATATTGTAGAGTCATCACCCAAAAAGAAAGAGAAGTGC
TCTGCCAGGCCAAAAAGAATGCGACAAAGAATTACAAACCCGAAAACGAGCAAGAGAAAAATCCCC
CAGTGCCCAACCCAATCTCAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025758



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|-------------------------------|---|
| Insert Size: | 936 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_001025758.1</u> , <u>NP_001020929.1</u> |
| RefSeq Size: | 1444 bp |
| RefSeq ORF: | 936 bp |
| Locus ID: | 497959 |
| UniProt ID: | <u>Q4V7B4</u> |
| Cytogenetics: | 10q25 |