

## Product datasheet for RN213542

### Procr (NM\_001025733) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Procr (NM\_001025733) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Procr  
 Synonyms: MGC114418; MGC116255  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN213542 representing NM\_001025733  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTGACGAAGTTTCTGTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGGCTGCGCCTTTTGTAACTCCGATG  
 GCTCCCAAAGCCTGCACATGCTCCAGATCTCCTACTTCCCAGACCCTATCACGGGAGGCATCAGGGCAA  
 CGCCTCTCTGGGAAAACCTCTGACACACACGCTGGAAGGCCGAGCAACAACGTCACCATTCTCCAGCTC  
 CAGGACTGGCAGGATCCGGATAGCTGGCGCGCACAGAGAGTGGCCTGAAGATCTACCTGTCCCAGTTCA  
 ACAGCCTGGTGCAGTTGATCTATCGCGAGCGCAAGAACGACGTGGTCTTTCCTCTGACTGTTAGCTGCTC  
 CGTGGGCTGTGAGCTGCCGCCAGAGGAGGGCTCTGAACCCCATGTCTTCTTTGATGTGGCTGTGAATGGA  
 AGTGCCTTCGTAAGTTTCCAGCCAAAGACTGCCATATGGGTGACAGGCTCCCAGGAGCCCTCCGAAGCCA  
 TCAACTTCACCCTGAAGCAACTCAATACCTACAATCGGACTCGGTATGAAGTGCAGGAATTTCTGCAGGA  
 CACCTGTGTGCAGTACCTGGAGAACCACATCACCACGCAAAACACCAAGGGAGCCAAACAGGCCGCTCT  
 TATACTTCACTGGTCTGGGTATCCTGATGGGCTGTTTCATAATCGTGGTGTGGCCGTGGGCATCTTCC  
 TGTGCACGGGTGGACGGCTTGC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001025733  
 Insert Size: 726 bp



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<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_001025733.2</a></u> , <u><a href="#">NP_001020904.1</a></u>
<b>RefSeq Size:</b>	1400 bp
<b>RefSeq ORF:</b>	726 bp
<b>Locus ID:</b>	362248
<b>UniProt ID:</b>	<u><a href="#">Q4V811</a></u>
<b>Cytogenetics:</b>	3q42
<b>Gene Summary:</b>	Binds activated protein C. Enhances protein C activation by the thrombin-thrombomodulin complex; plays a role in the protein C pathway controlling blood coagulation (By similarity). [UniProtKB/Swiss-Prot Function]