

## Product datasheet for RN211269

### Proc (NM\_012803) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Proc (NM_012803) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Proc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211269 representing NM_012803 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGGCAGTTTCAGAATCTTCTGCTGTTCCGCTCCACCTGGGGATTCTGGCGTATCAGCCATCCCC  
ACCCAGTGTCTCCAGCAGCGAGGGTGCCACCAGGTGCTTCGGTCAGACGAGCCAACAGTTCCTGGA  
GGAGGTGCGGGCAGGCAGCCTGGAGCGGGAGTGTATGGAGGAGATCTGTGACTTCGAGGAGGCCAGGAG  
ATTTTCCAGAATGTGGAAGACACACTGGCCTTTGGATCAAGTACTTCGATGGTGACCAGTGCTCAACTC  
CGCCCTTGGACCACCAATGCGACAGCCATGCTGCGGCCATGGCACATGCATCGACGGCCTGGGCGGCTT  
CAGCTGCAGTGCATAAGGGCTGGGAGGGCAGGTTCTGTGAGCAGGAGATGGGCTTCCAGGACTGTCGG  
GTGAAAAATGGCGGCTGCTACCACTACTGCCTGGAGGAGACCAGAGGGCGGCGTCCGTTGCGCCCGG  
GCTATGAGCTGGCAGATGACCACATGCACTGCAGGCCACCGTGAATTTCCGTGTGGAAACTGTGGAA  
GCGGACTGACAAGAAACGCAAGAACTTCAAACGGGACATAGACCCAGAAGACGAAGAACTAGAAGT  
CCAAGGATAGTCAATGGAACACTAACAAAGCAGGGTACAGTCCCTGGCAGGCGATCCTTCTGGACTCCA  
AGAAGAAGCTAGCCTGTGGAGGGTGTCTATCCACACCTCCTGGGTGCTGACGGCAGCCACTGTCTGGA  
GAGCAGCAAGAAGCTTACCGTGAGGCTTGGTGAGTATGATCTGAGACGCAGGGACCCCTGGGAGTTGGAC  
CTGGACATCAAGGAGTCTCGTCCACCCTAACTACACCCGGAGCAACAGCGACAACGACATCGCCCTGC  
TCCGCTGTCCCAGCCAGCCACACTCTCTAAAACCATAGTGCCCATCTGTCTGCCGAACAGCGGCTGGC  
GCAGGAGCTCAGTCAGGCTGGCCAGGAGACGGTGGTGACAGGCTGGGGCTATCAAAGCGACAAAGTCAAG  
GATGGCAGAAGGAACCGCACCTTATTCTCACCTTCATCCGCATCCCTTTGGCCGCTCGAAATGACTGCA  
TGCAGGTCATGAACAACGTGGTCTCGGAGAACATGCTCTGCGCCGGCATCATTGGAGACACGAGAGACGC  
CTGCGACGGCGACAGTGGGGACCTATGGTGGTCTTCTTCGGGGTACCTGGTTTCTGGTGGCCCTGGTG  
AGCTGGGGTGAGGGCTGTGGGCACCTCAACAACATGGCGTCTACACCAAAGTGGGTAGCTACCTCAAAT  
GGATCCACAGCTACATAGGGGAAAGGGATGTTTCCCTGAAGAGCCCGAAGCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_012803
<b>Insert Size:</b>	1386 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>	<a href="#">NM_012803.1</a> , <a href="#">NP_036935.1</a>
<b>RefSeq Size:</b>	1543 bp
<b>RefSeq ORF:</b>	1386 bp
<b>Locus ID:</b>	25268
<b>UniProt ID:</b>	<a href="#">P31394</a>
<b>Cytogenetics:</b>	18p12
<b>Gene Summary:</b>	vitamin K-dependent zymogen that acts as a serine protease upon activation; catalyzes the inactivation of blood coagulation cofactors Va and VIIIa [RGD, Feb 2006]