

## Product datasheet for SC321462

### PROCR (NM\_006404) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PROCR (NM\_006404) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PROCR  
**Synonyms:** CCCA; CCD41; EPCR  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_006404.3  
 CTTCTCTTTCCCTAGACTGCAGCCAGCGGAGCCCGCAGCCGGCCCGAGCCAGGAACCCA  
 GGTCCGGAGCCTCAACTTCAGGATGTTGACAACATTGCTGCCGATACTGCTGCTGTCTGG  
 CTGGGCCCTTTGTAGCCAAGACGCCTCAGATGGCCTCCAAAGACTTCATATGCTCCAGAT  
 CTCCTACTTCCGCGACCCCTATCACGTGTGGTACCAGGGCAACGCGTCGCTGGGGGGACA  
 CCTAACGCACGTGCTGGAAGGCCAGACACCAACACCACGATCATTACAGCTGCAGCCCTT  
 GCAGGAGCCCAGAGCTGGGCGCGCACGCAGAGTGGCCTGCAGTCTACCTGCTCCAGTT  
 CCACGGCCTCGTGCCTGGTGCACCAGGAGCGGACCTTGGCCTTTCCTCTGACCATCCG  
 CTGCTTCTGGGCTGTGAGCTGCCTCCCGAGGGCTCTAGAGCCCATGTCTTTCGAAGT  
 GGCTGTGAATGGGAGCTCCTTTGTGAGTTTCCGGCCGGAGAGAGCCTTGTGGCAGGCAGA  
 CACCCAGGTCACCTCCGGAGTGGTCACCTTACCCTGCAGCAGCTCAATGCCTACAACCG  
 CACTCGGTATGAACTGCGGGAATTCCTGGAGGACACCTGTGTGCAGTATGTGCAGAAACA  
 TATTTCCGCGGAAAACACGAAAGGGAGCCAAAACAGCCGCTCCTACACTTCGCTGGTCTCT  
 GGGCGTCTGGTGGGCGGTTTCATCATTGCTGGTGTGGCTGTAGGCATCTTCTGTGCAC  
 AGGTGGACGGCGATGTTAATTACTCTCCAGCCCGTCAGAAGGGGCTGGATTGATGGAGG  
 CTGGCAAGGAAAGTTTCAGTCACTGTGAAGCCAGACTCCCCAACTGAAACACCAGAAG  
 GTTTGGAGTGACAGCTCCTTCTCTCCACATCTGCCACTGAAGATTTGAGGGAGGGG  
 AGATGGAGAGGAGGTGGACAAAGTACTTGGTTTGCTAAGAACCTAAGAACGTGTATGC  
 TTTGCTGAATAGTCTGATAAGTGAATGTTTATCTATCTTTGTGGAAAACAGATAATGGA  
 GTTGGGCGAGGAAGCCTATGGCCCATCCTCCAAAGACAGACAGAATCACCTGAGGCGTTC  
 AAAAGATATAACCAAATAACAAGTCATCCACAATCAAAATACAACATTCAATACTTCCA  
 GGTGTGCAGACTTGGGATGGGACGCTGATATAATAGGGTAGAAAAGTAAACACGAAGA  
 AGTGGTGGAAATGTAATAAATCCAAGTCATATGGCAGTGTCAATTATTAATCAATTAATA  
 TATTAATAAATTTCTTATATTTAAGGCAAAAAAAAAAATAAAAAAAAAAAAAAAAAAAAA  
 A

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_006404
<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_006404.3</a></u> , <u><a href="#">NP_006395.2</a></u>
<b>RefSeq Size:</b>	1483 bp
<b>RefSeq ORF:</b>	717 bp
<b>Locus ID:</b>	10544
<b>UniProt ID:</b>	<u><a href="#">Q9UNN8</a></u>
<b>Cytogenetics:</b>	20q11.22
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
<b>Gene Summary:</b>	The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. The encoded protein may also play a role in malarial infection and has been associated with cancer. [provided by RefSeq, Jul 2013]