

## Product datasheet for **MC210449**

### Proz (NM\_025834) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Proz (NM\_025834) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Proz  
**Synonyms:** 1300015B06Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210449 representing NM\_025834  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGGCTGCATCTTGCTGCTCCGGGGTTCATCCTTACCCTCATCTGCACCAGGTGGAGCTTCCG  
TGTTTCTCCAGCCCGAAGGCAAACAACGTTCTGCGGAGGTGGAGCGGGTAGTTCGTACTTCTGGA  
AGAAATCTCCAGGAACTTGGAGAAGGAGTGTATGAGGAAGTCTGCAACTACGAGGAGCAAGAGAA  
GTGTTTAAAAATGACGTCATCACGGATGAGTTCTGGAGACAGTATGGGGGTGGCTCTCCGTGCGTCTCC  
AGCCCTGCCTCAACAACGGGACATGCGAGGACCACATCCGCAGCTACAGCTGCACGTGCTCTCCGGGCTA  
TGAGGGCAAGACCTGTGCAATGGCTAAAAATGAATGTCACCTAGAGAGGACGGATGGATGCCAGCATTTC  
TGCCACCCGGGGCAGTCATCTTACATGTGCAGTTGTGCAAAGGGCTACAAGCTGGGCAAGGACCAGAAAT  
CATGTGGTCCAAGTGACAAATGCGCATGCGGGGCCCTGACTTCCGAACACATCAGAATGACAAAAAGCAG  
CCAGAGTCAGCCTAGCTTCCCTTGGCAGGTCAGATTAACAAATTCGGAAGGAGAAGACTTCTGTGCCGGC  
GTGTTACTACAGGAAGACTTCGTGTTGACAACAGCAAAGTGTTCGTTATTGCACAGCAACATCAGTGTA  
AAGCAAATGTTGACCAGAGGATCAGGATCAAGAGCACTCACGTGCACATGCGTTATGACGAGGAGTCGGG  
GGAGAACGACGTGTCAGTGTGAGTTGGAGGAGCCCTTGCAAGTCCCGAGTCTGGTCTCCCGGTCTGC  
GTCCAGAGAGGGACTTTGCAGAGCATGTCCTCATCCCTGGAACGAGGGTCTCCTCAGTGGCTGGATGC  
TTAATGGCACACCTGGCTACCACACCGATGCTGCTGTCGGTACACAAAGCAGATGGCGAGGAATGCGG  
ACAGACCTGAATGTAACGGTCACTACGAGGACAAGCTGTGAGAAGGACAGTGTGGTGTGGGGCCTTGG  
GTGGAAGGAAGTGTGGTACCCGAGAACAAGGGCACCTGGTTCCTCACGGGGATCCTAGGCTCGCCAC  
CACCACAGGGCAATCGCAAATGCTCCTCCTCACCGAGTCCCGAGATACTCCATGTGGTTAAACAGAT  
CATGAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_025834
<b>Insert Size:</b>	1200 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_025834.3</a></u> , <u><a href="#">NP_080110.1</a></u>
<b>RefSeq Size:</b>	2398 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	66901
<b>UniProt ID:</b>	<u><a href="#">Q9CQW3</a></u>
<b>Cytogenetics:</b>	8 A1.1
<b>Gene Summary:</b>	Appears to assist hemostasis by binding thrombin and promoting its association with phospholipid vesicles. Inhibits activity of the coagulation protease factor Xa in the presence of SERPINA10, calcium and phospholipids (By similarity).[UniProtKB/Swiss-Prot Function]