

## Product datasheet for MC218371

### Proz (BC024104) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Proz (BC024104) 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: >BC024104  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCAGCAAGAGCCTCAGCAGCAGGATGAGTTCTGGAGACAGTATGGGGTGGCTCTCCGTGCGTCTCCC  
 AGCCCTGCCTCAACAACGGGACATGCGAGGACCACATCCGCAGCTACAGCTGCACGTGCTCTCCGGGCTA  
 TGAGGGCAAGACCTGTGCAATGGCTAAAAATGAATGTCACCTAGAGAGGACGGATGGATGCCAGCATTTT  
 TGCCACCCGGGGCAGTCATCTTACATGTGCAAGTTGTGCAAAGGGCTACAAGCTGGCAAGGACCAGAAAT  
 CATGTGGTCCAAGTGACAAATGCGCATGCGGGGCCCTGACTTCCGAACACATCAGAATGACAAAAAGCAG  
 CCAGAGTCAGCCTAGCTTCCCTTGGCAGGTGAGTTAACAAATTCGGAAGGAGAAGACTTCTGTGCCGGC  
 GTGTTACTACAGGAAGACTTCGTGTTGACAACAGCAAAGTGTTCGTTATTGCACAGCAACATCAGTGTA  
 AAGCAATGTTGACCAGAGGATCAGGATCAAGAGCACTCACGTGCACATGCGTTATGACGAGGAGTCGGG  
 GGAGAACGACGTGTCCTGTTGCAAGTTGGAGGAGCCCTTGCAAGTCCCGGAGTTCTGGTCTCCCGGTCTG  
 GTCCCAGAGAGGGACTTTGCAGAGCATGTCCTCATCCCTGGAACGAGGGTCTCCTCAGTGGCTGGATGC  
 TTAATGGCACACACCTGGCTACCACCCGATGCTGCTGTCGGTACACAAGCAGATGGCGAGGAATGCGG  
 ACAGACCCTGAATGTAACGGTCACTACGAGGACAAGCTGTGAGAAGGGCAGTGTGGTGTGGGGCCTTGG  
 GTGGAAGGAAGTGTGGTACCCGAGAACAAGGGCACCTGGTTCCTCACGGGGATCCTAGGCTCGCCAC  
 CACCACAGGGCAATCGCAAATGCTCCTCCTCACCAGTCCCGAGATACTCCATGTGGTTAAACAGAT  
 CATGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: BC024104



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<b>Insert Size:</b>	990 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="#">BC024104</a></u> , <u><a href="#">AAH24104</a></u>
<b>RefSeq Size:</b>	1660 bp
<b>RefSeq ORF:</b>	989 bp
<b>Locus ID:</b>	66901
<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]