

## Product datasheet for MC209240

### Prtn3 (NM\_011178) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prtn3 (NM_011178) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prtn3
Synonyms:	mPR3; PR3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209240 representing NM_011178 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCTGGAAGCTACCCATCCCCAAGGGGATCCATCCCTTCCTGCTGCTGCCCTGGTGGTTGGTGGCG  
CAGTCCAGGCCTCCAAGATTGTAGGTGGGCACGAGGCTCGGCCCACTCTCGGCCTTATGTGGCATCCCT  
GCAGCTGAGCAGGTTCCCTGGGAGCCACTTCTGTGGTGGCACCCCTGATCCACCCGAGATTCGTGCTGACA  
GCCGCCCACTGCCTGCAGGACATCTCCTGGCAGCTTGTGACAGTGGTGTGGGTGCCACGACCTGCTGA  
GCTCGGAGCCTGAGCAGCAGAAGTTCACCATCAGTCAGGCTTCCAGAACAATTACAACCCGAGGAGAA  
CCTCAATGACGTGCTTCTCCTCCAGCTAAACCGGACAGCCTCCCTGGGCAAGGAGGTGGCGGTGGCTTCT  
CTGCCCAAGCAGGACCAGACTCTGTCCCAGGGCACCCAGTGCCTGGCCATGGGCTGGGGTGCCTGGGCA  
CCCAAGCACCCACGCCCGTGTGCTGCAGGAAGTGAACGTACCGTGGTACCTTCTATGCCGGGAACA  
CAACGTGTGCACGCTGGTCCACGGAGGGCAGCAGGCATATGCTTCGGAGACTCGGGCGGCCCTTGATC  
TGCAATGGCATTCTTATGGAGTGGACTCCTTCGTGATCCGGAATGCGCCTCCCTCCAGTTCCTGATT  
TCTTCGCCCGGGTGTCCATGTATGTGGACTGGATCAAACGTGCTGCGGGGCGCAGAGCCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1238_c09.zip">https://cdn.origene.com/chromatograms/ja1238_c09.zip</a>
Restriction Sites:	Sgfl-MluI
ACCN:	NM_011178
Insert Size:	765 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_011178.2</a></u> , <u><a href="#">NP_035308.2</a></u>
<b>RefSeq Size:</b>	983 bp
<b>RefSeq ORF:</b>	765 bp
<b>Locus ID:</b>	19152
<b>UniProt ID:</b>	<u><a href="#">Q61096</a></u>
<b>Cytogenetics:</b>	10 39.72 cM
<b>Gene Summary:</b>	Serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro). By cleaving and activating receptor F2RL1/PAR-2, enhances endothelial cell barrier function and thus vascular integrity during neutrophil transendothelial migration. May play a role in neutrophil transendothelial migration, probably when associated with CD177. [UniProtKB/Swiss-Prot Function]