

## Product datasheet for **RN204885**

### **Mmp11 (NM\_012980) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mmp11 (NM_012980) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp11
Synonyms:	ST3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN204885 representing NM\_012980  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACGGGCCCTGTCTCCTCCGCGGATCTCGCGGCCCTCCTGCTCCCGTTCCTCTGCTGCTCC  
 TGTTGCTGCTTCTCCTGCCGCCGAGCTGATGGCCCGGGCCAGGCCACCGGAGAATCACCGTCACCGCCC  
 TGTGAAGAGAGTGCCTCAGCTCCTGCCCGCAGCTCGCCTAATAGCTTGCCGTCTGTCCCGCCTCCCAT  
 TGGGTCCCTGGTCTGCTAGTAGCTCCAGACCTACGATGTGGTGTGCCTGACCCGCCGGATGACTGA  
 ATGCCGAAACCGGCAGAAGCGCTTCGACTGTGGGAGGGCGCTGGGAGAAGACAGACCTCACTTATAG  
 GATCCTCCGGTCCCATGGCACTTGTAAAGGAGCAGGTGCGGCAGACGGTGGCAGAGGCCCTCCGGGTA  
 TGGAGTGAGGTGACTCCGCTCACTTTCACCGAGGTGCACGAGGGACGCGTGCATCATGATTGACTTCA  
 CCAGTACTGGCATGGGACAACCTGCCATTTCGATGGCCCTGGGGCATCCTGGCCCATGCCTTCTTCCC  
 TAAGACCACCGAGAAGGGGATGTACACTTTGACTATGACGAGACTTGGACTATTGGGACAAGGGCACA  
 GACCTGTACAAGTGGCAGCTCATGAATTTGGTCATGTTCTGGGCCTGCAACACACCACAGCAGCTAAGG  
 CCCTCATGTCCCTTTTCTACACCTTCCGCTACCCTCTGAGCCTTAGCCCAGATGACCCGGAGGGGCATCCA  
 GCACCTCTATGGCCGGCCCCAGCTGACCCCCACCTCCCCAACCCAACTTGAGCTCCCAGGCTGGGACA  
 GATACCAATGAGATTGCACTGCAGGAGCCGGAAGTCCCTCCAGAAGTCTGTGAGACCTCCTTTGACGCAG  
 TTTCCACCATCCGAGGCGAGCTTCTTCTTCAAGGCGGGCTTTGTGTGGAGGCTGCGCAGTGGGCAACT  
 GCAGCTGGGTATCCTGCTCTGGCCTCTCGGACTGGCAGGGACTACCCAGTCTGTGGATGCAGCTTTT  
 GAGGATGCCAGGGCCAGATTTGGTCTTCCAAGGTGCTCAGTACTGGGTATATGACGGTGAGAAGCCAG  
 TCCTAGGCCCCGACCCTCTCCAAGCTGGCCCTGCAGGGTCCCGGTCATGCTGCCTGGTCTGGGG  
 TCCTGAGAAGAACAAGATCTACTTCTCCGAGGTGGAGACTATTGGCGTTTCCACCCAGAACCCAAACGA  
 GTGGACAATCCGCTGCCCGACGTACCCTGACTGGCGGGGGTACCTTCTGAGATTGATGCTGCTTTCC  
 AGGATGCTGAGGGCTATGCCTACTTCTTCGTGGCCATCTCTACTGGAAGTTTGACCCTGTGAAGGTGAA  
 AGTCTGGAAAGTTTCCCTCGACCCATAGGTCCCGACTTCTTTGACTGTGCAGAGCCCGCCAACACTTTC  
 CGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_012980
- Insert Size:** 1476 bp
- OTI Disclaimer:** 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).
- Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_012980.2](#), [NP\\_037112.2](#)

**RefSeq Size:** 2253 bp

**RefSeq ORF:** 1476 bp

**Locus ID:** 25481

**UniProt ID:** [Q499S5](#)

**Cytogenetics:** 20p12

**Gene Summary:** member of the matrix metalloproteinase (MMP) family; may mediate tissue remodeling, highly expressed in healing skin [RGD, Feb 2006]