

## Product datasheet for **MC202079**

### **Mmp11 (NM\_008606) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mmp11 (NM_008606) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mmp11
Synonyms:	MMP-11; SL-3; ST; ST3; Stmy; Stmy3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC052854 sequence for NM\_008606  
AAGAGGTAATCCGCCCGGGGCGGATGGCACGGGCCGCCTGTCTCCTCCGCGGATTTCCGCGTCCTCC  
TGCTCCCGCTGCCTCTGTCTGCTCCTGTTGCTGCTCCTGCCGTCGCCGCTGATGGCCCGGGCCAGGCC  
ACCGGAGAGTCACCGTATCACCTGTGAAGAAAGGGCCTCGGCTCCTGCATGCAGCTCTGCCTAATACC  
TTGACATCTGTCCCGCGTCTCATTGGGTCCCTAGTCTGCCGGTAGCTCCAGGCCTCTACGATGTGGTG  
TGCCCGACCTGCCTGATGTACTGAATGCCCGAACCGACAGAAGCGCTTCGTCTGTGAGGAGGACGCTG  
GGAGAAGACAGACCTCACCTATAGGATCCTCCGGTTCCTATGGCAGCTTGTAAAGGGAGCAAGTCCGGCAG  
ACAGTGGCAGAGGCCCTCCAGGTATGGAGTGAAGTGACCCCACTCACTTCACTGAGGTGCACGAGGGAC  
GGCTGACATCATGATCGACTTCGCCAGGTAAGTGGCATGGTGACAACCTGCCGTTTGACGGGCTGGGGG  
CATCCTGGCCATGCCTTCTCCCTAAGACCCACCGAGAAGGGGATGTCCACTTTGACTATGATGAAACT  
TGGACTATTGGGGACAACCAGGGAAGTACCTGCTGCAAGTGGCGGCTCATGAATTTGGCCATGTTCTGG  
GGCTACAACGCACCACAGCAGCTAAGGCCCTCATGTCCCTTTTACACCTTCCGCTACCTCTGAGCCT  
TAGCCAGATGACCGAAGGGGCATCCAGCACCTCTATGGGCGGCCCCAGATGGCCCCACCTCCCCCGCC  
CCAACCTTTGAGCTCCCAGGCTGGGACAGATACCAATGAGATTGCACTGCTGGAGCCGAAACCCCGCCAG  
ATGTCTGTGAGACTTCTTCGACGCGGTTCCACCATCCGAGGAGAGCTTCTTCTTCAAGGCAGGCTT  
TGTGTGGAGGCTGCGCAGTGGGCGACTGCAGCCGGGTATCCTGCTTTGGCCTCTCGGCAGTGGCAAGGA  
CTGCCCCAGCCCTGTGGATGCAGCTTTTGGAGATGCCAGGGCCAGATTTGGTCTTCCAAGTGTCTCAGT  
ACTGGGTATATGATGGTGAAGCCAGTCTAGGCCCTGCACCACTCTCCAAGTGGGCCTGCAAGGGTC  
CCCAGTTCATGCCGCTTGGTCTGGGTCCTGAGAAGAACAAGATCTACTTCTCCGAGGTGGAGACTAT  
TGGCGTTTCCACCCAGAACCCAGCGAGTGGACAATCCCGTGCCCGGCGCTCCACTGACTGGCGAGGGG  
TACCTTCTGAGATTGATGCTGCCCTCCAGGATGCTGAGGGCTATGCCTACTTCTTCGTGGCCATCTCTA  
CTGGAAGTTTGATCCCGTGAAGGTGAAGTCTAGAAGGCTTCTCCGCCCGTAGGTCCTGACTTCTTT  
GACTGTGCTGAGCCTGCCAATACTTTCCGCTGACAACACTTTGGATGCATTAGGGGTACTGACTCCTGC  
CAGGGCAGCTTAGATCATGTAAGAGACCCACAGCCATATCTGTGGCTCTGGGCTTACAGCATGGGACAGAC  
AGGGCCTATGTCTCCTCAGGGGAGTGGGTTGGGTGCAGCCACTGTTTGTAGGAACGACCATGCTGGTCA  
TGGTCACTGCCAACAAATTGTCTCAGACTAGGCAAAGGCTTTGGTGTACTTAAAAATAAGGGAGGTTTT  
GGGCTGGCAATATTTAGCTACCAATAATCCACAGTCAGCCTGGTTGCCCAAGGTCTCCATCTGTCCC  
TCAAAGTAGAACCCACACAACTCAGGAATCACCTGCAATGAGGTTCTGTGGGAGTGGTGTGGTA  
ATGAGATGCCAGGGTACCATGTGCCCTGCTAAGCAACTGGACCAGTATCTTCTGGTAAGTCACT  
CTGGAGAGATAGTGAAGTATCATATTCTGGCAGGTGATTGAGACAAGTCTTCTGGAAGTCAAGCCAA  
AAGGTACACAGCCAGCAAGGAGGCAGCTGCTTCTCCAGAGACACGGAACCTCAAAGGCCACATAC  
CTCACAGCCTTGCCCGAGCCATTTCTTCTGGGCCCCTTCTCCTAGCACAGGTACCCTCTAAGCCATGT  
ACATGTGTATACAGTGTATAAAGACTTTTTTAAAAAACAACAAAAACCAAAAAAGCCAAAGACTGT  
CATTAAACATGAGTGTCTTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_008606

**Insert Size:** 1479 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:** [BC052854](#), [AAH52854](#)

**RefSeq Size:** 2292 bp

**RefSeq ORF:** 1479 bp

**Locus ID:** 17385

**UniProt ID:** [Q02853](#)

**Cytogenetics:** 10 38.62 cM

**Gene Summary:** This gene encodes a member of the matrix metalloproteinase family of endopeptidases that are involved in remodeling extracellular matrix during, for example, embryonic development and tumor progression. The encoded protein undergoes post-translational proteolytic processing by furin endopeptidase to form an active enzyme. Subcutaneous introduction of cells expressing the encoded protein into nude mice results in increased tumor incidence. Mice lacking the encoded protein exhibit a decreased incidence of chemically-induced tumors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]

Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.