

Product datasheet for **MC200737**

Mmp3 (NM_010809) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mmp3 (NM_010809) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mmp3
Synonyms: EMS-2; MMP-3; S; SL; SL-1; SLN-1; SLN1; St; Stmy; Stmy1; STR; STR-1; Str1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC006725 sequence for NM_010809
AGAGAACCTACTGAAGGTGGTACAGAGCTGTGGGAAGTCAATGAAAATGAAGGGTCTCCGGTCTGCTG
TGGCTGTGTGGTTGTGTGCTCATCCCATTTGCATGACAGTGCAAGGGATGATGATGCTGGTATGG
AGCTTCTGCAGAAATACCTAGAAAACTACTATGGCCTTGCAAAAGATGTGAAGCAATTTATTAAGAAAA
GGACAGTAGTCTTATTGTCAAAAAAATTCAAGAAATGCAGAAAGTTCCTCGGGTTGGAGATGACAGGGAAG
CTGGACTCCAACACTATGGAGCTGATGCATAAGCCAGGTGTGGTGTTCCTGATGTTGGTGGCTTCAGTA
CCTTCCCAGGTTCCGCAAAATGGAGGAAATCCCACATCACCTACAGGATTGTGAATTATACACCGGATTT
GCCAAGACAGAGTGTGGATTCTGCCATTGAAAAGCTTTGAAGGTCTGGGAGGAGGTGACCCCACTCACT
TTCTCCAGGATCTCTGAAGGAGAGGCTGACATAATGATCTCCTTGCAGTTGGAGAACATGGAGACTTTG
TCCCTTTTGATGGCCTGGAACAGTCTTGCTCATGCCTATGCACCTGGACCAGGATTAATGGAGATGC
TCACTTTGACGATGATGAACGATGGACAGAGGATGTCACCTGGTACCAACCTATTCCTGGTTGCTGCTCAT
GAACTTGGCCACTCCCTGGGACTCTACCACTCAGCCAAGGCTGAAGCTCTGATGTACCCAGTCTACAAGT
CCTCCACAGACTTGTCCCGTTTCCATCTCTCTCAAGATGATGTAGATGGTATTAGTCCCTCTATGGAAC
TCCCACAGCATCCCCTGATGTCCCTCGTGGTACCCACCAAGTCTAACTCTCTGGAACCTGAGACATCACCA
ATGTGCAGCTCTACTTTGTTCTTTGATGCGAGTCAAGCCCTCCGGGGAGAAGTCTGTTTTTAAAGACA
GGCACTTTTGGCGAAATCTCTCAGGACTCCTGAGCCTGAATTTATTTGATCTCTTCATTTTGGCCATC
TCTTCCATCCAACATGGATGCTGCATATGAGGTTACTAACAGAGACACTGTTTTTCAATTTTAAAGGAAAT
CAGTTCTGGGCTATACGAGGGCACGAGGAGCTAGCAGGTTATCCTAAAAGCATTACACCCTGGGTCTCC
CTGCAACCGTGAAGAAGATCGATGCTGCCATTTCTAATAAAGAGAAAAGGAGACCTACTCTTTTGTAGA
GGACAAAATAGTGGAGTTTGTATGAGAAGAAACAATCCATGGAGCCAGGATTTCCAGGAAGATAGCTGAG
GACTTTCCAGGTGTTGACTCAAGGGTGGATGCTGTCTTTGAAGCATTTGGGTTTCTACTTCTTCACTG
GATCTTCGCAAGTTGGAATTTGACCCAAATGCCAAAAAGTGACCCACATATTGAAGAGCAATAGCTGGTT
TAATTGTTAAAAAGAGATCCAAGGAAGGCATCCTGTGTTTAACTGATGCTTATAGTTCTTCATCTGAGT
CTTTGTGAAAGGAAGTGTCTTGTTCAGCATGTGCTATGGCAGAACCAACAGGAGCTATGGATGACACCA
GTCAACGTCAGTTGTCAAAGGATGTTCCAGAACTGTGTAGCTTACACTGTGTCCCAAGGAGAGGAGG
GAAGGCACTCCTGGCCACAAAAGTGTCTGAACTGTGTAGATGGTTTGTGTTTATTTAATAAAGATTGT
GTGTCGTTTATTAATAAAAAAAAAAAAAAAAAAAAAA



[View online »](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_010809
Insert Size:	1440 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	<ol style="list-style-type: none">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:	BC006725 , AAH06725
RefSeq Size:	1783 bp
RefSeq ORF:	1440 bp
Locus ID:	17392
UniProt ID:	P28862
Cytogenetics:	9 2.46 cM
Gene Summary:	<p>This gene encodes a member of the matrix metalloproteinase family of extracellular matrix-degrading enzymes that are involved in tissue remodeling, wound repair, progression of atherosclerosis and tumor invasion. The encoded protein is activated by the removal of an N-terminal activation peptide to generate a zinc-dependent endopeptidase with a broad range of substrates such as proteoglycans, laminin, fibronectin, elastin, and collagens. This gene is located in a cluster of other matrix metalloproteinase genes on chromosome 9. [provided by RefSeq, Feb 2016]</p>