

Product datasheet for **MC202385**

Mmp15 (NM_008609) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mmp15 (NM_008609) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mmp15
Synonyms: AI503551; MT-MMP 2; MT2-MM; MT2-MMP
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC057952 sequence for NM_008609
 CAGGGAGCGTCGCAAGTTTCCCAGCCGCTGCGAGGACGCGGTGCGGGCCAGCCAGCTAGCCCCGCGTGC
 AGCGCTCAGGACCGGGCTGACTGCCTAGGAGCATGGGCAGCGACCGGAGCGCACTCGGACGTCCAGGCTG
 CACTGGCAGCTGCCTCAGCAGCCGAGCTTCGCTGCTCCCGCTGCTACTGGTGCTTCTGGACTGTCTGGGC
 CATGGTACAGCGTCTAAAGACGCGAAGTGTACGCCGCGGAGAACTGGCTGCGGGCTATGGCTACCTAC
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 GGGACTTCATGGGCTGCCAGGAGCAGTGGAGCCCGATCGCGATGGCCGATGTGGCTCGTCCACCTT



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CAACCCCAACGGGGGTGCCGAGCCTGAGGCAGATGGTGACAGCAAGGAAGAGAACGCGGGTGACAAGGAT
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AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** NM_008609
- Insert Size:** 1974 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: [BC057952](#), [AAH57952](#)

RefSeq Size: 3909 bp

RefSeq ORF: 1974 bp

Locus ID: 17388

UniProt ID: [O54732](#)

Cytogenetics: 8 47.12 cM

Gene Summary: 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 preproprotein undergoes proteolytic processing to generate a mature, zinc-dependent endopeptidase enzyme. A deficiency of the encoded protein in mice is compatible with normal development and postnatal growth. [provided by RefSeq, Feb 2016]