

Product datasheet for **MR209816**

Mmp15 (NM_008609) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp15 (NM_008609) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mmp15
Synonyms:	AI503551; MT-MMP 2; MT2-MM; MT2-MMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209816 representing NM_008609
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCAGCGACCGGAGCGCACTCGGACGTCCAGGCTGCACTGGCAGCTGCCTCAGCAGCCGAGCTTCGC
TGCTCCCCTGCTACTGGTGCTTCTGGACTGTCTGGGCCATGGTACAGCGTCTAAAGACGCCGAAGTGTA
CGCCGCGGAGAACTGGCTGCGGCTCTATGGCTACCTACCCAGCCAGCCGCCACATGTCCACCATGCGC
TCTGCCAGATCCTGGCCTCCGCCCTTGCCGAGATGCAGAGTTTCTATGGGATCCCTGTACGGGTGTGC
TTGATGAAGAGACGAAAACGTGGATGAAGCGGCCCGATGTGGGTTCTGATCAGTTTGGGGTACATGT
GAAAGCCAACCTGCGTCGACGGCGAAACGTTACACCCTGACAGGAAAGGCATGGAACAATTACCACCTG
ACCTTCAGCATCCAGAACTACTGAGAAGCTGGGCTGGTACAACCTCCATGGAGGCGGTGCGCAGGGCTT
TCCAAGTGTGGGAGCAGTACACCATTTGGTCTTCCAGGAAGTATCCTATGATGACATTCGGCTACGAAG
GGGAGCGGAGGCTGACATCATGGTACTCTTTGCCCTCTGGCTTCCATGGCGACAGCTCACCGTTTGTATGGC
GTGGGTGGCTTTCTGGCCACGCTTATTTCCCGGCCCTGGTCTGGGTGGGGACACCCATTTGACGCGAG
ATGAACCTGGACCTTCTCCAGCACTGACCTGCATGGAATCAGCCTCTTTCTGGTGGCCGTGCATGAGCT
GGGCCATGCCCTGGGGCTAGAACAACCTCAAGTAACCCAGCGCTATTATGGCACCTTCTACCAGTGGATG
GATACCGACAACCTCCAGCTGCCGAAGATGACCTTGGGGCATCCAGCAGCTGTATGGTCCCCAGATG
GTAAGCCACAGCCACCCGGCCTCTCCCACTGTGAGGCCCGCGGCCAGGACGGCCAGATCACCAGCC
ACCTCGGCCTCCCGACCCACATCCAGTGGGAAGCCAGAAAGGCCCCCAACCAGGGCCCCCACC
CAGCCCCGAGCCACAGAGAGGCTGACCACTATGGCCCAACATCTCGATGGCAACTTCGACACAGTGG
CTGTGCTCCGCGGAGAGATGTTTGTGTTCAAGGGCCGCTGGTTCTGGCGAGTCAGGCACAACCGCTTCT
AGACAACCTACCCATGCCAATTGGCCACTTCTGGCGCGGTCTGCCGGGAACATCAGTGTGCTGCTACGAG
CGCCAGGATGGACATTTTGTCTTCTTCAAAGGTAACCGCTACTGGCTTTTCCGAGAAGCCAATCTGGAGC
CCGGCTACCCACAGCCGCTGAGCAGCTATGGCACAGACATCCCCTATGACCGCATTGACACAGCCATCTG
GTGGGAGCCACAGGTACACCTTCTTCTTCAAAGCAGACAGGTAAGTGGCGCTTCAACGAGGAGACACAG
CATGGAGACCCTGGTACCCCAAGCCCATCAGTGTCTGGCAGGGGATCCCCACCTCTCCAAAGGGGCT
TCCTCAGCAACGATGCAGCCTACACCTACTTCTACAAGGGCACCAAGTACTGGAATTAACAACGAACG
CCTACGGATGGAACCCGGCCACCCAAATCCATCCTGCGGACTTCATGGGCTGCCAGGAGCACGTGGAG
CCCCGATCGCGATGGCCGATGTGGCTCGTCCACCTTCAACCCCAACGGGGGTGCCGAGCCTGAGGCAG
ATGGTGACAGCAAGGAAGAGAACGCGGGTGACAAGGATGAGGGCAGCCGCGTGGTGGTGCAGATGGAGGA
GGTGGTCCGGACAGTGAACGTGGTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
GCCTTTGCTCTGGTGCAGATGCAGCGCAAGGGCGCCCTCGCATGCTGCTCTACTGCAAGCGCTCACTGC
AGGAGTGGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_008609.4](#)

RefSeq Size: 4346 bp

RefSeq ORF: 1974 bp

Locus ID: 17388

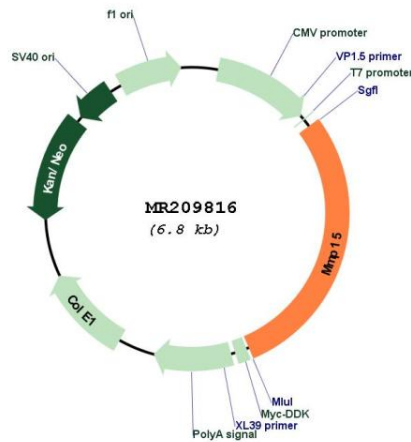
UniProt ID: [O54732](#)

Cytogenetics: 8 47.12 cM

MW: 75.1 kDa

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]

Product images:



Circular map for MR209816