

Product datasheet for **MR223645**

Mmp8 (NM_008611) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp8 (NM_008611) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mmp8
Synonyms:	BB138268
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR223645 representing NM_008611
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTCGCCTGAAGACACTTCCATTACTGATCTTCTCCACACACAGCTTGCCAATGCCTTCCCAGTAC
 CTGAACACCTGGAAGAGAAAAATATAAAAAGCTGCTGAGAATTACCTACGAAAATTCTACAACCTACCAAG
 CAATCAATTCCGGTCTTCGAGGAATGCCACGATGGTTGCAGAGAAGCTTAAAGAGATGCAGCGCTTCTTC
 AGCTTAGCAGAGACTGGGAAGTTAGATGCAGCTACAATGGGGATTATGGAATGCCTCGATGTGGAGTGC
 CTGACTCTGGTATTTCTTGCTAACCCAGGAAGTCCCAAGTGGACACACACTAACCTGACCTACAGGAT
 TATAAACCATACGCCACAGCTGTCAAGGGCTGAAGTAAAACAGCAATTGAGAAAGCTTTTCACGCTGG
 AGTGTAGCATCGCCCTGACCTTACCGAGATCTTACAGGGAGAAGCAGACATCAACATTGCTTTCGTCT
 CAAGAGACCATGGTGACAATTCTCATTGATGGACCAATGGAATCCTTGCCCATGCCTTCAACCAGG
 CCAAGGTATTGGAGGAGATGCTCATTGATTGATTGAGAAGAACTGGACTCAAGATTCCAAAAATTACAAC
 CTATTTCTCGTGGCTGCTCATGAATTTGGACATCTTTGGGACTCTCTACTCCACTGATCCTGGTGCCT
 TGATGTACCCAAACTATGCTTACAGGGAACCCAGCACCTATTCACTACCTCAAGATGATATCAATGGCAT
 TCAGACAACTATGGACCTTCAGACAACCCATCCAACCTACTGGGCCAGCACACCCAAAGCCTGTGAC
 CCCACCTGAGATTTGATGCTACTACCACACTCCGTGGGGAGATTTACTTCTTTAAAGACAAGTACTTCT
 GGAGACGGCATCCTCAGCTGAGAACAGTTGACCTCAATTCATATCTCTGTTCTGGCCCTTCTACCCAA
 CGGTCTTCAGGCTGCTTATGAAGATTTGACAGAGACCTAGTTTTCTATTTAAAGGCAGACAGTACTGG
 GCTCTAAGTGGCTATGACCTGCAGCAAGGTTACCCAGAGATATATCCAACCTATGGATTTCCCAAGGAGTG
 TCCAAGCCATTGATGCAGCTGTTTCTATAACGGGAAGACATACTTCTCATAAACAACCAAGTGGAG
 ATATGACAATCAAAGAAGATCCATGGACCCAGGTTACCCAAAAGCATACCAAGCATGTTCCAGGAGTA
 AACTGTAGAGTCGATGCAGTTTTCTGCAGGACTCCTTCTTCTTCTTCTCAGTGACCACAATATTTTG
 CATTAAATTTTGTGATGACAGAGTCACTAGAGTTGCAAGAAGCAATTTATGGCTTAACTGTTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223645 representing NM_008611
 Red=Cloning site Green=Tags(s)

MFRLKTLPLLI FLHTQLANAFVPEHLEEKNIKTAENYLRFYNLPSNQFRSSRNATMVAEKLKEMQRFF
 SLAETGKLDAAATMGIMEMPRCGVPDSDGDFLLTPGSPKWHTNLTYRIINHTPQLSRAEVKTAIEKAFHVV
 SVASPLTFTEILQGEADINIAFVSRDHGDNPFDPNGILAHAFQPGQIGGDAHFDSEETWTQDSKNYN
 LFLVAAHEFGHSLGLSHSTDPGALMYPNYAYREPSTYSLPQDDINGIQTIIYGPSDNPIQPTGPSTPKACD
 PHLRFDATTTLRGEIYFFKDKYFWRHPQLRTVDLNFISLFWPFLPNGLQAAYEDFDRDLVFLFKGRQYW
 ALSGYDLQQGYPRDISNYGFPRSVQAIDAAVSYNGKTYFFINNQCWRYDNQRRSMDPGYPKSIIPSMFPGV
 NCRVDAVFLQDSFFLFFSGPQYFAFNFVSHRVTRVARSNLWLNC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9036_a10.zip

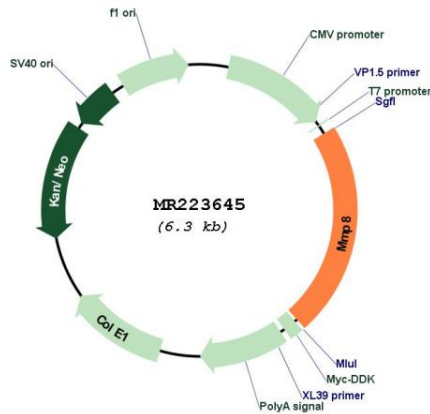
Restriction Sites:

Sgfl-Mlul

MW: 53.6 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 that degrades types I, II and III collagens. Mice lacking the encoded protein exhibit abnormalities in the inflammatory responses to various agents. This gene is located in a cluster of other matrix metalloproteinase genes on chromosome 9. [provided by RefSeq, Feb 2016]

Product images:



Circular map for MR223645