

Product datasheet for RN214453

Mmp23 (NM_053606) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp23 (NM_053606) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214453 representing NM_053606 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTGGCGGGCCTGTCTCCGTCCGGAGGCGTCCGGCGCTGTACAGGGCCGCTGGTTGGGGGCTGTCC
TGAGCGGGTTGTGTCTTCTCTCCGCGTGGCGTTCCTGGAATGGCTAGGGTCGCCGACAGAGACCGCCTG
GAATGCAGCTCAGGAAATGTGGATGCCAGATGTGGGGCGCTCCACTCCCCAGTACCCAGCCTATTG
TCCATGCTGGTAACCCGAAGACGCCGCTACACGCTGACACCGCCAGGCTGCGTTGGACCACTTCAACC
TCACGTACAGGATTCTCTCTTTCCCGAACCTTTTAAGCCCGAAGAGACTCGCGGGGCTGGCGGC
TGCTTTTCGAATGTGGAGTGATGTTTCCCATTCAGTTCCGTGAGGTGGCCCTGAACGTCCCAGTGAC
CTCAAGATAGTTTCTACCCAGTTAACCACCCGACTGCTTGGTCTTGCCTGCACCACTGCTTCGATG
GTCCTACAGGTGAAGTGGCCACGCTTTCTTCCACCCACGGTGGCATTCAATTTGATGACAGCGAGTA
CTGGGTCTGGGTCCCACGCGCTACAGCTGGAAGAAAGGTGTTGGCTCACAGACCTGGTGCACGTGGCA
GCCATGAGATTGGCCATGCACTGGGACTGATGCACTCACAGCAAGACCAGGCACTATGCACCTCAATG
CCACATTGCGAGGCTGGAAGGCACTGTCCAGGATGAGCTGTGGGACTACCCGACTCTATGGCTGCCT
GGACCGGATTTTGTGTGTACATCCTGGGCACGAAAGGGATTTTGTGATGTCGCCAGAGGCTCATGAAG
AGGCTCTGCCCCAGAAGCTGTGATTTCTGTTACGAATTCATTTCCACGGTTGCCACCACCACATCAC
CCACCAGAACGAAACGAGGTTTCGTGAGAGAGGGTAGGAACATGACCTTCCACTGTGGACAGAAGATCCT
ACACAAGAAAGGCAAAGTATACTGGTACAAGGACCAGGAACCCCTGGAGTTCTCCTACCCTGGCTATCTG
GCCCTGGGTGAGGCACGGCTGAGCATATTGCCAATGCAGTCAACGAAGGCACCTACACATGTGTGGTAC
GCCACCGCCAGCGTGTCTCACCACCTACTCTGGAGGGTCCGAGTGAGGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053606
Insert Size:	1176 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:	<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:	<u>NM_053606.2</u> , <u>NP_446058.1</u>
RefSeq Size:	1275 bp
RefSeq ORF:	1176 bp
Locus ID:	94339
UniProt ID:	<u>O88272</u>
Cytogenetics:	5q36
Gene Summary:	may play a role in degrading and remodeling components of extracellular matrix [RGD, Feb 2006]