

## Product datasheet for **MR209110A1V**

### Mouse Mmp14 (NM\_008608) AAV Particle

#### Product data:

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| Product Type:             | AAV Particles                                         |
| Product Name:             | Mouse Mmp14 (NM_008608) AAV Particle                  |
| Tag:                      | Myc-DDK                                               |
| Symbol:                   | Mmp14                                                 |
| Synonyms:                 | AI325305; MMP-X1; MT-MMP-1; MT1-MM; MT1-MMP; sa; sabe |
| Mammalian Cell Selection: | None                                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                            |



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**ORF Nucleotide  
Sequence:**

>MR209110 representing NM\_008608  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**

ATGTCCTCCCGCCCTCGACCCTCCCGCAGCCTCCTGCTCCCCCTGCTCACGCTTGGCACGGCGCTCGCCT  
 CCCTCGCTGGGCCAAGGCAGCAACTTCAGCCCCGAAGCCTGGCTGCAGCAGTATGGCTACCTACCTCC  
 AGGGGACCTGCGTACCCACACACAACGCTCACCCAGTCACTCTCAGCTGCCATTGCCGCCATGCAAAAG  
 TTCTATGGTTTACAAGTGACAGGCAAGGCTGATTTGGCAACCATGATGGCCATGAGGCGCCCTCGCTGTG  
 GTGTTCCGGATAAGTTTGGGACTGAGATCAAGGCCAATGTTGGAGGAAGCGCTATGCCATTAGGGCCT  
 CAAGTGGCAGCATAATGAGATCACTTTCTGCATTGAGAATTACACCCCTAAGGTGGGCGAGTATGCCACA  
 TTCGAGGCCATTCCGAAGGCCTTCGAGTATGGGAGAGTGCCACGCCACTGCGCTTCGAGAAGTGCCCT  
 ATGCCTACATCCGGGAGGGACATGAGAAGCAGGCTGACATCATGATCTTGTGTTGCTGAGGGTTTCCACGG  
 CGACAGTACACCCTTTGATGGTGAAGGAGGTTCTGGCTCATGCCTACTTCCAGGCCCAATATTGGA  
 GGGGATACCACTTTGATTCTGTGAGCCCTGGACTGTCCAAAATGAGGATCTAAATGGGAATGACATCT  
 TCTTGGTGGCTGTGCATGAGTTGGGGCATGCCCTAGGCCTGGAACATTCCAATGATCCCTCCGCCATCAT  
 GGCCCCCTTTTACCAGTGGATGGACACAGAACTTCGTGTTGCCTGATGACGATCGCCGTGGCATCCAG  
 CAACCTTATGGAAGCAAGTCAGGGTCACCCACAAAGTGGCCCCCTCAACCCAGAACTACCTCTCGGCCCT  
 CTGTCCAGATAAGCCCCAAAACCCCGCTATGGGCCAACATCTGTGACGGGAACCTTGGACCCGTGGC  
 CATGCTCCGAGGAGAGATGTTTGTCTTCAAGGAGCGATGGTCTGGCGGGTGAGGAATAACCAAGTGATG  
 GATGGATTCCCAATGCCATTGGCCAATTCTGGAGGGGCTGCCTGCATCCATCAATACTGCCTACGAGA  
 GGAAGGATGGCAAATTTGTCTTCTTCAAAGGAGATAAGCACTGGGTGTTTGGCAAGCCTCCCTGGAACC  
 CGGGTACCCCAAGCACATTAAGGAGCTGGGCCGAGGGCTGCCACGGACAAGATCGATGACGCTCTCTTC  
 TGGATGCCCAATGGGAAGACCTACTTCTCCGGGGCAATAAGTACTACCGGTTCAATGAAGAATTCAGGG  
 CAGTGGACAGCGAGTACCCTAAAAACATCAAAGTCTGGGAAGGAATCCCTGAATCTCCAGGGGGTCATT  
 CATGGGCAGTGATGAAGTCTTACATACTTCTACAAGGAAACAAATACTGGAAGTTCAACAACCAGAAG  
 CTGAAGGTAGAGCCAGGGTATCCCAAGTCAGCTCTGCGGGACTGGATGGGCTGCCCTTCGGGGGGCCGGC  
 CCGATGAGGGGACTGAGGAGGAGACGGAGGTGATCATCATTGAGGTGGATGAGGAGGGCAGTGGAGCTGT  
 GAGTGGCGCCCGCTGGTCTGCCGGTACTACTGCTGCTCCTGGTACTGGCAGTGGGCTCGCTGTCTTC  
 TTCTTCAGACGCCATGGGACGCCAAGCGACTGCTTTACTGCCAGCGTTGCTGCTGGACAAGGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

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MSPAPRPSRSLLLPLLTGLTALASLGWAQGSNFSPEAWLQQYGYLPPGDLRHTQSRPQSLSAIAAMQK  
 FYGLQVTGKADLATMMAMRRPRCGVPDKFGTEIKANVRRKRYAIQGLKWQHNEITFCIQNYTPKVGEYAT  
 FEAIRKAFRVWESATPLRFREVPYAYIREGHEKQADIMILFAEGFHGDSTPFDGEGGFLAHAYFPGPNIG  
 GDTHFDSVEPWTQVQEDLNGNDIFLVAVHELGHALGLEHSNDPSAIMAPFYQWMDTENFVLPDDDRRGIQ  
 QLYGSKSGSPTKMPPQPRRTSRPSVPDKPKNPAYGPNICDGNFDTVAMLRGEMFVKERWFWVRNQNVM  
 DGFPMPIGQFWRGLPASINTAYERKDGKFVFFKGDKHWVFDEASLEPGYPKHIKELGRGLPTDKIDAALF  
 WMPNGKTYFFRGNKYYRFNEEFRAVDSEYPKNIKVWEGIPESPRGSFMSDEVFTYFYKGNKYWKFNQK  
 LKVEPGYPKSALRDWMGCPSSGRPDEGTEETEVIIEVDEEGSGAVSAAAVLPLVLLLLLVAVGLAVF  
 FRRRHGTPKRLLYCQRLLDKV

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>         | NM_008608                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 1746 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F230                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Stability:</b>    | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| <b>RefSeq:</b>       | <u><a href="#">NM_008608.2</a></u> , <u><a href="#">NP_032634.2</a></u> , <u><a href="#">NP_032634.3</a></u>                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq Size:</b>  | 2597 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1749 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 17387                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u><a href="#">P53690</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 14 27.79 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MW:</b>           | 66.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |