

Product datasheet for **MC201252**

Mmd (NM_026178) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmd (NM_026178) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mmd
Synonyms:	1200017E07Rik; 1810073C06Rik; AA690185
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021914 sequence for NM_026178
 CGGGAGGCGCCGGGGCCGTTTAAAGCGGCCTCCCTCCCGCCCCAGGCGCCTGCTCTGGCCCGGGCCCTGT
 GCTGACCGACCCCGGTGTGGCCCACTCCGGCCCTGCCAGTTGCGTGGCTCCCGCTGGCACGCCAGCG
 GCCTCGGAGCAGCTCAAGCCCATGAGGCCGGCGCCCTGCCCGCGTGCAAAAGAGACGGAGCTCCCGG
 CCCCCGGGTGGAGCGGTGGATCAATGCGGTTCAAGAAATCGATTCCAGCGTTTCATGAACCATCGGGCCC
 CAGCTAATGGCCGCTACAAACCAACGTGCTACGAACATGCTGCCAATTGCTACACACACGATTCCCTCAT
 TGTTCGGCCATTGTGGGCAGTGCCCTCCATCGGCTGTCTGATGACTGCTGGGAGAAGATAACAGCA
 TGGATCTACGGGATGGGCCTTTGCGCCCTTTCATAGTCTCCACAGTGTTCACATAGTATCATGGAAGA
 AGAGCCACTTGAGAACAGTGGAGCATTGTTCCACATGTGCGATCGGATGGTCATCTACTTCTTCATTGC
 TGCTTCTACGCCCATGGTTAAATCTCCGTGAACCTGGACCCTGGCATCTCATATGCGTTGGTTATC
 TGGCTCATGGCAGCTGGAGGAACCATTTATGTATTTCTTACCATGAAAAGTATAAAAGTGGTTGAACTTT
 TCTTCTATCTCACGATGGGATTTTCTCCAGCCTTGGTGGTACATCAATGAATAACTGACGGACTTCA
 GGAGCTCGCCTGTGGGGATTGATTTACTGCTTGGGAGTGTGTTCTTCAAGAGCGATGGCATCATTCCG
 TTCGCCATGCCATCTGGCACCTGTTTGTGGCCACGGCAGCTGCCGTACACTACTATGCCATTTGAAAT
 ACCTGTACCGAAGTCCCACAGACTTTATTCGGCATTATGACCAGTCTGTGCTAGGTTTTCAAATCAGTA
 TTATCACGATGGAGGCACCTGGGTGGGGGAGGGGCGGGGGGAGAAGTGAATGTCGCACACAGAAGAAGA
 GTGAGCAAACCTGCACTGACTTCGTTTTAATTTTTTTTTAATATAAATACTGTGAAAAGTATAAAAGCTGT
 GTCTCGGAGTTTTCTCTTACAGGCAACAGATGAGGTAGTGAATCAATCTTCCATTCCACTATC
 ATGAAGGACTCGGGAGAGACTTGGCCAACCTGATGTTTACAACCAGAAATTTTTGTATTTTTCTTTTACA
 GATTTTAACTACGATGATTTTTTCTAAATTAAGTAGGTGAGGTGTCAAAGTCAAGTGAATAGTAATAC
 AACTTCTTTTTAAGAAAACCAAGTTGTTTCTATCACGTTTCCCGTCACTGTGTAAGAAGTCAATG
 AAAGTGAACACTACTTTTTACCATGTTTCACTTGACATAACATGGTTATTTTTTAAAAAGGAGGCTTTA
 GTTCTTTGTAAATTTTTAAGAAACGATTCCATTGACGCACACCCCACTGGCTCCTCATCCATGCGGAG
 GTTTTTGCAACAAACGGTCAACATTCACGAACAACATTATACCTTCTTGGCAGTTTTTAAAGTGTG
 GAGAACTTGCCAATTTTTAGAAACACTGCAGTTTTTCCAACCTTTTCTGCCAATCTCTAACCTGAAC
 TCAGTGTGCTTTGGGCTGACATCCATGACTGGTGTGGGCCACCAGGAGTAAGACAGTAGTGTTTGATA
 CCATCCACTTTTTCAGAAGACATAAATTCGCTACATGCCTTTGCCCCAGTTTTTCTCCAGGGTCTCTCTC
 CACAGTCGGGGAGGATCCTGTCCGATTATGATAGTATTATTGGGTTGCCCATCTGCCATGAGCTTTCTG
 AATCATGGCGAATTGATTTGCCACTTTGGTGCCCAACGGTCAAGTCATTGTGGTTAAGCCACTTAACT
 TTATTGTATGAGTTTATTTCAATTTAATTGTGGGACTAGACACATAAACTCACATTTCTGCCTTTTCC
 TCTGCATTTCTCAATATATTATGTTTTTCTCACGCCATAAATAAAACATTGATTGGCAGGTTGAAGCTTG
 TGTGAGTTGTTGATGGGTTTTATGCTGACTCTGTGGAGTGATATTATATTATTTTTAGTTTCTCTC
 AATGTCTTATATTAAGATTGATGTATTAGTTGCTTTGTTGGTTAATCTTTCTTGGTGTAAAGAGAAATG
 AAGTACCTTGCCTTTAGATCAGATGCTATTATAACCTGTCTGTCTAGGAACAAGCTGTCAGACTAAAGA
 TATGGTTTATTCATTGAAATTTGGACAGCTGTACGTTTAAAAGAAAGTTATTTTGTATGTGTCTAG
 GCTCTGATTTTTGGTAAATTTGTAAGGAACAACGAAGAACTGGTTGCTGGGGATGTCTTCAAGTAGTCAG
 GAGTACCAAGGATAACACCAGCCACACCGCTGTATATGCATGATTCTGAACAGTTAGCCGCTGTATT
 TTAAGTGTATATTTGACTTTAAATATATTAACTTTTTGTGGATTCAATTTAAAGTCTGCTCATATGCAGC
 ACTGTCAAACCACTAACTGTATTTGAGAAGTGTGCTGTAGGTTAGAATAAAGTTGTTACTTGGGTTG
 AA
 AA

Restriction Sites: RsrII-NotI
ACCN: NM_026178
Insert Size: 717 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>BC021914</u> , <u>AAH21914</u>
RefSeq Size:	2780 bp
RefSeq ORF:	717 bp
Locus ID:	67468
UniProt ID:	<u>Q9CQY7</u>
Cytogenetics:	11 C
Gene Summary:	Involved in the dynamics of lysosomal membranes associated with microglial activation following brain lesion.[UniProtKB/Swiss-Prot Function]