

Product datasheet for **MC214256**

Mill1 (NM_153749) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mill1 (NM_153749) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mill1
Synonyms: 5530400I18Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214256 representing NM_153749
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGCTGTCCAGAACCTCAGAGCCCTAGCTGCGATCCACCTGTGGATAGTGTACCTGCTCCTGGAGG
ATTTACTGGGCACCTGCGCAGAGGGTGACAACCAAGACTGGTGGCTTCTGCTCCCTACCAAGATATTGA
GATCACTCTGGAGAAGCCTAGAGTACAGGCGGTAGCAGAACCCACACTCTGCGCTATGACCTCATGGCC
TTGTCTCTGGAGGTGCCTGGGTTGCCCCAGTTCCTGACCTGAGATACTCGATGATGAGCCCTTCTGTC
CCTATAAGAAAAACAGCAGCATAACAGACTCCCAGGAACCCAGGATCAAAGACCATCTGAGAGCTGAGAC
CTGGGGAAGAGAGACTGACGATCTTCAGGAAGAAGAGGCAACTCAAAGGGATGCTAGCTGAGATCACA
GCCCAGAACCGCCAGAATACGGATCTTCACATCCTCCAGGCAACCTTCGGCTGTGAGCTTCAAAGAAATG
GAAGCACTAGAGGCTTCTGGAACTGGGCTATGATGGGCAGAACTTCTCACCTTTGACCAGAAGACTCT
CACATGGACAGTGGATGGACCTCCACCCAGAAGAACAAGACATTCTGGAAGACACGTGCACCCAGAGCT
GATCTAGTTAAGACATTCTGGATGACATATGTCCTGCTCAGTCCAGAGATACCTTGCCTCCTTGAGAA
ATGGTCTGCTGAATACAGGTTTCCCAAAGTGATTGTGACCTTCAGGAACTATCCAGTGGCAGGATCAC
ACTGACATGCCGGCTTTTCGTCTGTATACCCGTGTGGCCACCCTGACCTGGCTTCAGTATAGAAAAGCCA
GTACAGCAGAAAACTTTGGATCTGAACTATCCTGCCAGTGGGGATGGCACCTACCAGGCCTGGGTGT
CCATTCGGGTTCTTCTGGACAGGAATCACAGTTCAGCTGCAACTGAAGCACGGCAACCACAATATCAA
TGAACCTGCTGCCACTGAGGCCCTGTCTATGGTGCAGAGAAGAGAACAACCTCCCACCTCAGGTGTGGGA
AGCAGGGTCGGGAAAAGCCTGTGGAGTGAATGACTACAGCTCTCGTGGTATCTCTGGACATTAAGCC
AGAACTGATGGGCCTCTACTCTGTTCTGCTCTGGTGGCTTCTGCTCTTTTCTACAGTGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

| | |
|-------------------------------|---|
| ACCN: | NM_153749 |
| Insert Size: | 1188 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_153749.4</u> , <u>NP_715630.3</u> |
| RefSeq Size: | 2489 bp |
| RefSeq ORF: | 1188 bp |
| Locus ID: | 266815 |
| UniProt ID: | <u>Q8HWA5</u> |
| Cytogenetics: | 7 9.15 cM |