

Product datasheet for MC213177

Mill2 (NM_153761) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mill2 (NM_153761) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mill2
Synonyms:	Micb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213177 representing NM_153761 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAAGCCAGTCTGGAAAGCCAGAGAATTCAGACCAGCAGTCCTACTGTTGATCTTAGGGCTGCTCC
TTAGAGACTCACGGGATCCAGCATCCAAGGGTTTCTGGCTGACGTGGAGGTTTCATGGTTCCAGCAGGCT
GACCAGAACCCCACTCTGCGCTATAATGTCAGAGCCCATTCTCTGGAGGGGTCTGAGAAGACCCAGCTC
CTGGTCTTAATACGTAGATGAAGAGCTCTTCTGAAATACAATGGAGACAGCAGGGAGACAGAGCCCT
TGGGATGCTGGATTAAGGGCCATGGGGGAAATGAGACCTGTGCAAGAGAGACTAACAATCTGTTGAAGGT
GGAAGAGAACTCAGGGGATGATGGCTGAGGTTATAAACCAGAAGAGTCAGGAGGAAGGCCTTCACACT
CTCCAGGCAACTTTGGGCTGTGAGCTTCTGAGTAAATGGGAGCACTAGAGGCTTCTGGCACCTGGGCTATG
ATGGGCAGAACTTCTCACCTTTGACCAGAAGACTCTCACGTGGACAGTGGATGGACCCTCCACCCAGCA
GAACAAGATGTTCTGGAAGACACATGCACCCAGAGCTGATCTAGTTAAGACATTCTTGGATGATATATGT
CCTGCTCACCTCCAGAGATACCTCGCTTCTTGAGAAACGGTCTGCAGGATACAGGACCCCAATGGTAA
CTGTGACCTGCAGGAATATCCAGTAGGTAGGGTCACACTGACATGCCGGGCTTTAATCTGTATACCCG
TGAGGCCACCCCTGGTCTGGCTTCAGGATGGGAAGCCAGTACAGCAGAAAACCTTCAGATCTGAGACCATC
CTGCCCAGCGGGATGGGACCTACCAGGCCCGGTGTCCATTTCGGGTTCTTCTGGACAGGAACCCACAGT
TCAGCTGCAACCTGAGGCATGGCAACCATAGCATCATGCAGACAGCTGTCTCTGGGCATGCTGCTGAGGA
CAGTCAGGATGTTGCTAGCTCTGCTACAGCTTCAGCTGGATCTGCACTCCCTGTTGTATTGGCGGTGGCA
CTGGCCAGAGCCAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_153761
Insert Size:	1068 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_153761.3</u> , <u>NP_715642.2</u>
RefSeq Size:	1120 bp
RefSeq ORF:	1068 bp
Locus ID:	243864
UniProt ID:	<u>Q8HWE6</u>
Cytogenetics:	7 9.35 cM
Gene Summary:	Binds to heparan sulfate proteoglycans on the surface of fibroblast (NIH-3T3) cells. [UniProtKB/Swiss-Prot Function]