

Product datasheet for **MG215604**

Mill2 (NM_153760) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Mill2
Synonyms:	Micb
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG215604 representing NM_153760
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAGCCAGTTCTGGAAGCCAGAGAATTCAGACCAGCAGTCTACTGTTGATCTTAGGGCTGCTCC
TTAGAGACTCACGGGATCCAGCATCCAAGGAACCCCACTCTGCGCTATAATGTCAGAGCCATTCTCT
GGAGGGGTCTGAGAAGACCCAGCTCCTGGTCTAATAACGTAGATGAAGAGCTCTTCTGAAATACAAT
GAGAGACAGCAGGGAGACAGAGCCCTTGGGATGCTGGATTAAGGGCCATGGGGGAAATGAGACCTGTCAA
GAGAGACTAACAATCTGTTGAAGGTGGAAGAGAACTCAGGGGGATGATGGCTGAGGTTATAAACCAGAA
GAGTCAGGAGGAAGGCCTTCACTCTCCAGGCAACTTTGGGCTGTGAGCTTCTGAGTAATGGGAGCACT
AGAGGCTTCTGGCACCTGGCTATGATGGCAGAACTCTCACCTTTGACCAGAAGACTCTCACGTGGA
CAGTGGATGGACCCTCCACCAGCAGAACAAGATGTTCTGGAAGACACATGCCACCCAGAGCTGATCTAGT
TAAGACATTCTGGATGATATATGTCTGCTCACCTCCAGAGATACCTCGCTTCTTTGAGAAACGGTCTG
CAGGATACAGGACCCCAATGGTAACTGTGACCTGCAGGAACTATCCAGTAGGTAGGGTACACTGACAT
GCCGGGCTTTAATCTGTATACCCGTGAGGCCACCTGGTCTGGCTTCAGGATGGGAAGCCAGTACAGCA
GAAAACCTTCAGATCTGAGACCATCTGCCAGCGGGATGGGACCTACCAGGCCCGGGTGTCCATTCCG
GTTCTTCTGGACAGGAACACAGTTCAGCTGCAACCTGAGGCATGGCAACCATAGCATCATGCAGACAG
CTGTCTCTGGCATGCTGCTGAGGACAGTCAGGATGTTGCTAGCTCTGCTACAGCTTCACTGATCTGCT
ACTCCCTGTTGATTGGCGGTGGCACTGGCCAGAGCCAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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: [NM_153760.2](#), [NP_715641.1](#)

RefSeq Size: 1075 bp

RefSeq ORF: 1023 bp

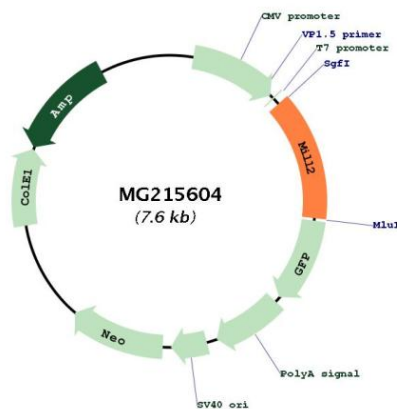
Locus ID: 243864

UniProt ID: [Q8HWE6](#)

Cytogenetics: 7 9.35 cM

Gene Summary: Binds to heparan sulfate proteoglycans on the surface of fibroblast (NIH-3T3) cells.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215604