

## Product datasheet for **RR212651**

### **Mep1b (NM\_013183) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mep1b (NM_013183) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mep1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR212651 representing NM\_013183  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATGCCCGCATTGGCCCTGGTTTCTGGTTTTGCCACATTTCTCCTGGTTTCTGGCTTCCAGCTC  
 CAGAAAAGTTTGTCAAAGACATAGATGGGGGAATCGATCAAGACATATTCGATATCAATGAAGATTTAGG  
 ACTGGACCTTTTCGAGGGAGACATCAAACCTGGAGGCAAGTGGGAGGAATCCATCATTGGAGACAACTAC  
 AGATGGCCACATAACCATTCATATGTTCTAGAAGACAGCTTGGAAATGAATGCTAAAGGAGTAATCCTCA  
 ATGCGTTTCGAGCGCTATCGCCTAAAACGTGCATTGACTTCAAGCCCTGGTCTGGAGAAGAGAACTATAT  
 ATCAGTGTCAAGGGCAGTGGGTGCTGGTCTTCAAGTGGGAAACATTACAGCTGGGAAGCAAGAGTTGTCC  
 ATCGGGACAACTGTGACAGAATAGCAACAGTTCAACATGAGTTCCTCCACGCCCTGGGATTCTGGCAGC  
 AGCAGTCGCGTGTGACCGAGATGATTACATCACTATAGTTTGGGACAGGATCTTGTCCGGCAAGGAACA  
 CAATTTCAACATCTACAACGACAGTGTGTCTGATTCCCTGAATGTCCCATACGACTACACCTCGGTAATG  
 CACTACAGCAAAACCGCTTTCCAGAATGGGACAGAGTCTACCATCATTACGAAAACTCAGACTTTGAGG  
 ATGTGATTGGCCAACGAATGGACTTCAGTGACTATGACCTTCTGAAGCTGAACCGCTGTACAGCTGCAC  
 TTCTTCTTGGAGTTTATGGACTCCTGCGATTTTGGAGTGGAGAATATCTGTGGCATGATCCAAAGTTCA  
 CAAGATAGCGCTGACTGGCAGCGCTTTTACAGGTTTCTCAGTGGTCCGGAGAATGACCACTCCAACATGG  
 GCCAGTGCAAAGACTCTGGCTTCTTTATGCACTTCAACACTAGCACTGGGAATGGGGGATCACAGCGAT  
 GCTGGAGAGCAGAGTGTGTACCCCAAGAGAGGGTTTCACTGCGTGGAGTTTTATCTGTATAACAGTGG  
 AGTGGAAATGGCAACTGAACGTCTACACCCGGGAGTACACTGCAGGCCACCAGGATGGCGTTTTGACCC  
 TTCAGAGAGAAAATAAGAGACATACCCACTGGGAGCTGGCAGCTTACTATGTAACACTGCAAGTACTGA  
 AAAATTCGAGTGGTGTGTTGAAGGCGTCGGAGGCCCTGGCGCATCATCGGGTGGTCTGTCTATCGATGAC  
 ATCAATCTCTCGAAAACAAGGTGTCCCAACACATCTGGCACATACAGAATTTCACTCAGCTTCTTGGAG  
 GCCAGACCACTGTATACAGTCTCCATTTTATTCTCTAAAGGTTACGCTTTTTCAGATTAACCTGGATCT  
 AACATCCCGACCAATGTAGGGCTTTATTTCCACCTGATCTCCGGGGCCAATGACGATCAATTACAGTGG  
 CCGTGTCTTGGCAGCAAGCCACAATGACTCTTGGATCAGAATCCTGACATCCGGCAGCGTATGTCCA  
 ACCAGCGGAGTAAACCACAGACCCAAAGATGACCGATGATAATGGAAGCTATCTTTGGGACAGGCCTTC  
 CAAGGTGGGAGTGGAGGCTTTTTCCCTAATGGAAGTCACTTTAGCAGAGGCAGAGGCTATGGAACCACT  
 GTCTTCATAACCCAAGAGAGGCTGAAGAGCAGAGATTCTTAAAGGAGATGACGTTTACATCTTACTGA  
 CGGTTGAAGATATATCTCACCTCAATTCTACAGCGGCTGTCCAGGGCCAGTCCCACCACCTCGACTGT  
 CCATAATGCCTGCTCTGAGGTCAATGTGAGAACGGCGGCATCTGCACTCTCAAGAAGGCAGAGCTGAG  
 TGCAAGTGTCTGACAGGAGAAGACTGGTGGTACATGGGCAAAAGGTGTGAGAAGAGAGGGTCCACCAAGG  
 ACACGATTGCTATTGCTGTGCTTCCACGGTACCAGTGTGCGGTGATGCTGATCATCACCTTATCAG  
 CGTCTACTGCACCCGGAGGAAATATCGTAAGAAGGCTAGTGCAAAGACAGCAGCCATGAATCTAGAAAAC  
 CAACATGCGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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.

**RefSeq:** [NM\\_013183.2](#), [NP\\_037315.1](#)

**RefSeq Size:** 2289 bp

**RefSeq ORF:** 2115 bp

**Locus ID:** 25727

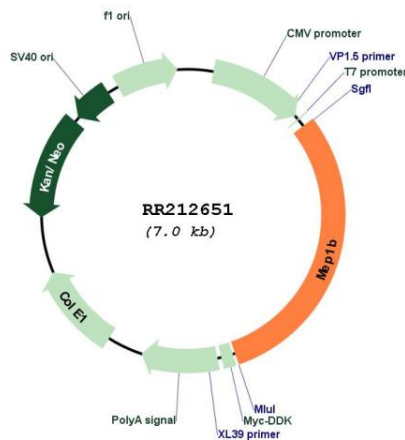
**UniProt ID:** [P28826](#)

**Cytogenetics:** 18p12

**MW:** 79.2 kDa

**Gene Summary:** beta subunit of mepirin metalloproteinases, which form homotetramers and heterodimers with alpha subunit Mep1a [RGD, Feb 2006]

### Product images:



Circular map for RR212651