

## Product datasheet for **MR22253**

### Mtnr1b (NM\_145712) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mtnr1b (NM\_145712) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Mtnr1b  
**Synonyms:** Mel-1B-R; Mel1b; Mt2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR22253 representing NM\_145712  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCGCTGAGAACAGCTCAATCCCTAACTGCTGTGAGGCCAGCGGGCTGGCAGCGGCCCTAGTTGGTCTG  
GGTCAGCCGGAGCCAGGCCCCCTGTGACTGCCCGGCCCCCTGGGTGGCTCCCATGCTATCTACAGTAGT  
CGTCGTCACCACAGCCGTGGACTTCGTGGGAACCTGCTTGTCATCCTCTCAGTGCTCAGGAACCGCAAG  
CTGCGGAACGCAGGTAATTTGTTTGGTGGTGAAGTCTGGCCTTGGCTGACTGGTGATAGCCTTGACCTT  
ACCCACTGATCCTTGTGGCCATTATCCGTGACGGTTGGTCCCTGGGGAGGCCACTGCAAGGCCAGTGC  
CTTTGTGATGGGCTGAGTGTCATTGGCTCTGTCTTCAACATCACAGCCATTGCCATCAACCGCTACTGC  
TGCATCTGTCATAGTACCACCTACCACCGGGTCTGCAGTCACTGGTATACTCCCATCTACATCAGCCTCG  
TCTGGCTCCTCACTCTGGTGGCTTTGGTGCCCAATTTCTTTGGGGTCTTTAGAGTATGATCCACGCAT  
CTATTCCTGCACCTTCATCCAGACAGCCAGCACACAGTACACGGCAGCTGTGGTGGCCATCCACTTCCTC  
CTTCCCATGGCTGTGGTGTCTTCTGCTACCTGCGAATCTGGGTACTGGTGTCCAGGCCGAAGGAAGG  
CCAAGGCTGAGAGGAAGCTGCGTCTGAGACCGAGTGATTTGCGCAGTTTCTCAACCATGTTTGCAGTGTT  
TGTGGTTTTTGCATATGCTGGGCCCCCTCAACTGTATCGGCCCTGCAGTGGCCATCAACCCAGAGGCA  
ATGGCTCTCCAGTCCCAGAAGGGCTCTTTGTACCAAGTACTTCTTACTTTAACAGCTGCCTTA  
ATGCCATTGTTTATGGGCTCCTGAACCAGAACTTCCGCGAGGAGTACAAGAGGATCCTTTTGGCCATATG  
GAACACTAGGCGCTGCATACAGCATGCTTCCAAACACTGTCTTACTGAGGAGCGACAGGCCCGACGCCA  
CCTGCTGCCAGGCTACCGTGCCTGTCAAGGAAGGTGCTCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

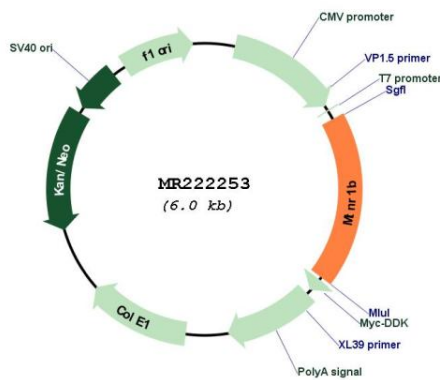


[View online »](#)



- OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
- 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.
- RefSeq:** [NM\\_145712.2](#), [NP\\_663758.2](#)
- RefSeq Size:** 1244 bp
- RefSeq ORF:** 1095 bp
- Locus ID:** 244701
- Cytogenetics:** 9 A2
- MW:** 40.7 kDa

**Product images:**



Circular map for MR222253