

## Product datasheet for MR215226

### TPD52 (NM\_001025264) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tpd52 (NM\_001025264) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tpd52  
**Synonyms:** A1043038; mD52  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR215226 representing NM\_001025264  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACCGCGGCGAGCAAGGTCTGCTGAAGACAGAGCCGGTGGCCGAGGAAGGAGAGGATGCTGTTACCA  
 TGCTCAGTGCTCCAGAGGCGCTGACGGAAGAGGAGCAAGAGGAGCTGAGGCGGGAGCTTACTAAGGTGGA  
 AGAAGAAATCCAGACTCTGTCCCAAGTATTGGCCGAAAAGAGAAGCATCTCGCCGAGCTCAAGCGGAAG  
 CTGGCATCTCCTCGCTCAGGAGTTCAAGCAGAACATTGCCAAAGGGTGGCAAGACGTGACGGCAACCA  
 ATGCATACAAGAAGACCTCTGAACTCTATCGCAAGCTGGCAGAAAGCCTCCGCTGCATTTTCATCGGT  
 TGGCTCAGTCATACCAAAAAGCTGGAAGACGTGAAATTGCAAGCTTTCTCACATTCATTTAGAAACTCC  
 CCAACTTTCAAGTCATTTGAAGAAAAAGTTGAAAATTTAAAGTCTAAAGTAGGAGGAGCCAAAGCCTGCTG  
 GCGGCGATTTTGGAGAAGTCTGAATTCACAGCCAACGCTACCAGTACCATGACCACAGAGCCTCCTCC  
 AGAACAGATGACAGAGAGCCCC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR215226 representing NM\_001025264  
 Red=Cloning site Green=Tags(s)

MDRGEQGLLKTEPVAEEGEDAVTMLSAPEALTEEEQEELRRELTKVEEIIQTLSQLAAKEKHLAELKRR  
 LGISSLQEFKQNIAKGWQDVTATNAYKKTSETLSQAGQKASAAFSSVGSVITKKLEDVKLQAFSHSFRNS  
 PTFKSFEEKVENLKSXVGGAKPAGGDFGEVLNSTANATSTMTTEPPPEQMTESP

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001025264

**ORF Size:** 582 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_001025264.2](#)

**RefSeq Size:** 2293 bp

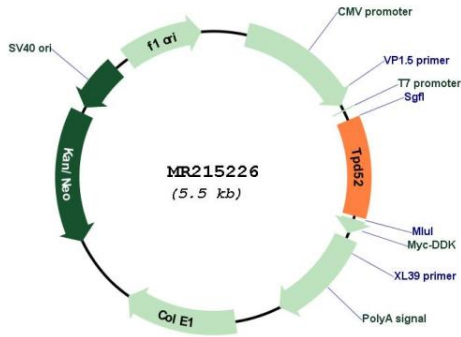
**RefSeq ORF:** 585 bp

**Locus ID:** 21985

**Cytogenetics:** 3 A1

MW: 21.6 kDa

Product images:



Circular map for MR215226