

Product datasheet for MR213012

Trpd52l3 (NM_025741) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Trpd52l3 (NM_025741) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Trpd52l3
 Synonyms: 4931412G03Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR213012 representing NM_025741
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGACCAGTCTCACCTCGAGTCTATCCCACTGGCCAGAAGTCTGAGCCTGCAGGCCTAGCCGTCAGCT
 CCACCAGCCCAACTGTTTCTCCTCAAACCAAGGATTGGACTCCGTCTACCAAGACCTGGACCTGGACTC
 CCTGAATGAAGATCTTTCCTTGCTGTCCAGATGCCATGACAGAGACCTCTGCGTCCACAAATGAATCC
 CGCCTAGCTTCAGAACCAGATCTGACGGAGGCTGAGCAACTGGAACCTCAAATCTGAGCTCACTAACTGG
 AGGAAGAGATCTTAACTTACGTGACCTGCTTGCAGCCAAAGAGAAGCGGTGTGGCGAATCAAGAGGAA
 GTTAGGCTGCGTGCCCTTGGTGGGACTGAGGCAGAATCTGTCAAAGAGCTGGCATGATGTTCAAGCCTCC
 AACACCTACATGAAGCAGAAGACGTCAACTGCCCTGGCCTCGGTGGGTTCTGCCATCTGCAGGAAGCTTG
 GAGATGTGAAGAATTCGTCCACGTTTCAGATCTCTTGAAGGGCTGGTGGGAACAGTCAAGTCAAGATTGC
 AGGTGGCAGAGAGCTCGGCAGTGGCCTTCTCCCTTACCAGTGAGTGGCAGTGATCCACACTCGGCTCTG
 GGGAGTGGATATGAACTGTTGCAGGGCTTGTGAGCAACTGTTTTCTGTCCTGAAGCCAGAG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR213012 representing NM_025741
Red=Cloning site Green=Tags(s)

MDQSHLESYPTGQKSEPAGLAVSSTSPNCFSSNQGLDSVYQDLDLDSL NEDLSLSVPDAMTETSASTNES
 RLASEPDLTEAEQLELKSELTKLEEEILNLRDLLAAKEKRCGELKRKLGCVPLVGLRQNLKSWHDVQAS
 NTYMKQKTSTALASVGSATICRKLGDVKNSSSTRSLEGLVGTVKSRVAGGRELGSGLLPSVSGSDPHSAL
 GSGYETVAGLDEQLFVSLKPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9059_e06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_025741

ORF Size: 693 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_025741.2, NP_080017.1

RefSeq Size: 2231 bp

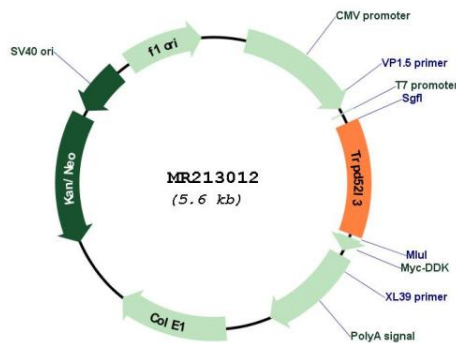
RefSeq ORF: 696 bp

Locus ID: 66745

Cytogenetics: 19 C1

MW: 24.7 kDa

Product images:



Circular map for MR213012