

Product datasheet for RC231917

TPD52L2 (NM_001243892) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TPD52L2 (NM_001243892) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TPD52L2
Synonyms: D54; TPD54
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231917 representing NM_001243892
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCCGCCGCCAAGGTGTGGCTGCCGGACTCCTGCTGTTGAGGGTCTGACAGAGGCTGAGGAGG
 AGGAGCTCAGGGCTGAGCTTACCAAGGTGGAAGAGGAAATTGTCACTCTGCGCCAGGTCTGGCAGCCAA
 GGAGAGGCACTGTGGAGAGCTCAAGAGGAGGCTGGCCCTCCACCCTGGGGAGCTGAAACAGAACCTG
 TCCAGGAGCTGGCATGACGTGCAGGTCTCTAGCGCCTACAAGAAGACTCAGGAACTCTTTCACAGGCAG
 GACAGAAGACTTCAGCTGCCCTGTCCACAGTGGGCTCTGCCATCAGCAGGAAGCTTGAGACATGAGGAA
 CTCTGCGACCTTCAAGTCGTTTGAGGACCGAGTTGGGACCATAAAGTCTAAGTTGTGGGTGACAGAGAG
 AACGGCAGTGACAACCTCCCTTCTCAGCGGGAGTGGTGACAAGCCCCTGTCGGATCCCGCACCTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231917 representing NM_001243892
 Red=Cloning site Green=Tags(s)

MDSAGQGVAAARTPAVEGLTEAEEEEELRAELTKVEEIVTLRQVLAAKERHCGELKRRLLGLSTLGLKQNL
 SRSWHDVQVSSAYKKTQETLSQAGQKTSALSTVGS AISRKLGDMRNSATFKSFEDRVGTIKSKVVGDR
 NGSDNLPSSAGSGDKPLSDPAPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001243892

ORF Size: 489 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_001243892.2](#)

RefSeq Size: 2230 bp

RefSeq ORF: 492 bp

Locus ID: 7165

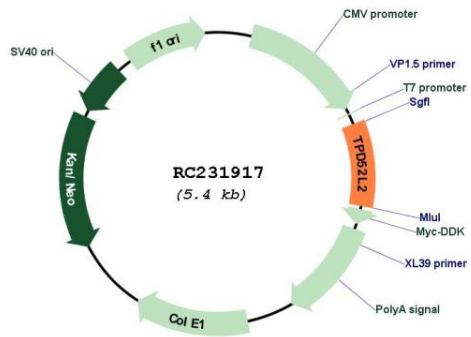
UniProt ID: [O43399](#)

Cytogenetics: 20q13.33

MW: 17.9 kDa

Gene Summary: This gene encodes a member of the tumor protein D52-like family. These proteins are characterized by an N-terminal coiled-coil motif that is used to form homo- and heteromeric complexes with other tumor protein D52-like proteins. Expression of this gene may be a marker for breast cancer and acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 12. [provided by RefSeq, Aug 2011]

Product images:



Circular map for RC231917