

Product datasheet for **RC215934**

TRAPPC2B (NR_002166) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TRAPPC2B (NR_002166) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TRAPPC2B
Synonyms: MIP-2A; SEDLP; SEDLP1; TRAPPC2P1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC215934 representing NR_002166
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTGGAAGCTTCTACTTTGTAATTGTTGGTCACCATGATAATCCAGTTTTTGAATGGAGTTTTTGC
CAGCTGGGAAGGCAGAATCCAAAGACGACCATCGTCATCTGAACCAAGTTCATAGCTCATGCTGCTCTCGA
CCTCGTAGATGAGAACATGTGGCTGTGGAACAACATGACTTGAAAAGTGGACAAGTTCAACGAGTGG
TTTGTGTCAGCATTGTGACCGCGGGGCATATGAGGTTTATTATGCTTCATGACATAAGACAAGAAGATG
GAATAAAGAAGTCTTTACTGATGTTTATGATTTATATATAAAAATTTCAATGAATCCATTTTATGAACC
CAATTCTCTATTTCGATCAAGTGCATTTGACAGAAAAGTTCAGTTTCTTGGGAAGAAACACCTTTTAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC215934 representing NR_002166
Red=Cloning site Green=Tags(s)
MSGSFYFVIVGHHDNPVFEMEFLLPAGKAESKDDHRHLNQFIAHAALDLVDENMWLSNNMYLKTVDKFNW
FVSAFVTAGHMRFIMLHDIRQEDGIKNFFTDVYDLYIKFSMNPFYEPNSPIRSSAFDRKVQFLGKKHLLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1428_e11.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NR_002166

ORF Size: 420 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: [NR_002166.1](#)

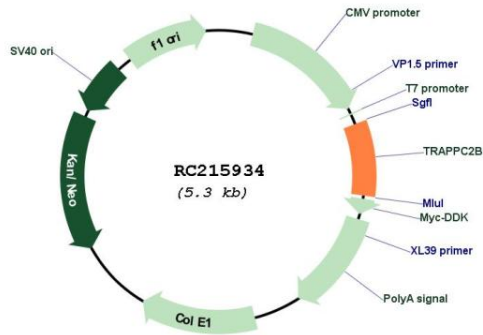
RefSeq Size: 755 bp

RefSeq ORF: 419 bp

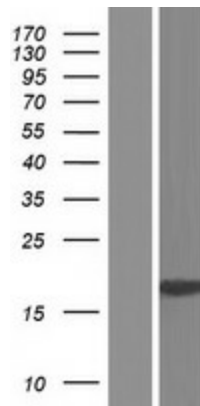
Locus ID: 10597

Cytogenetics: 19q13.43

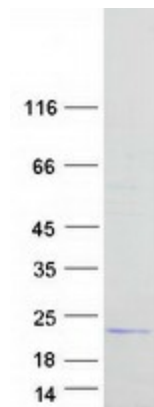
Product images:



Circular map for RC215934



Western blot validation of overexpression lysate (Cat# [LY403766]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC215934 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TRAPPC2B protein (Cat# [TP315934]). The protein was produced from HEK293T cells transfected with TRAPPC2B cDNA clone (Cat# RC215934) using MegaTran 2.0 (Cat# [TT210002]).