

Product datasheet for **MR206621**

Trappc13 (NM_025879) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trappc13 (NM_025879) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trappc13
Synonyms:	2410002O22Rik; 2610524F24Rik; AI451892; AU017229
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206621 representing NM_025879 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGTGAATCCCCCAAACAGGAGCACCTGCTGGCGCTAAAAGTGATGCGATTGACTAAACCTACTT
 TGTTACCAATATTCTGTAACTGTGAAGAGAAGGACTTACCTGGTGATCTCTTAACCAAGTTAATGAA
 AGATGATCCTTCAACTGTAAATGGTGCAGAGATTTAATGTTGGGAGAAATGTTGACTTTACCCCAAAT
 TTCGGGAATATATTTTGGGAGAGACCTTTCCAGTTATATCAGTGTTACAATGACAGCAATCAAGTTG
 TAAAAGATATATTGGTGAAGCGGATCTGCAGACGAGTTCTCAGCGTTTAAACCTTTCAGCCTCCAATGC
 TGCTGTGGCTGAACTTAAACCCGACTGCTGTATTGATGACGTCATACACCATGAAGTAAAGGAAATTGGG
 ACTCACATCTTGGTGTGTGCTGTGAGTTACACAACGCAGGGTGGAGAAAAATGTACTTTAGGAAATTTCT
 TCAAAATTCAGGTTCTCAAAACATTGGATGTGAAAACCAATTTTACAATGCAGAGAGTGACCTCAGTTC
 TGTGACTGATGAAGTATTTCTTGAAGCACAAATTCAGAAATTTACAACCTCACCAATGTTTATGGAGAAA
 GTTTCCTAGAGCCATCAATAATGTACAATGAACAGAATTAACCTCGGTGACCCAGGCTGGAGAATGCA
 TATCTACATTTGGGTCCAGAGGATTTTGACGCAATGGATACACGCAATACTTATACTGCCTAAAGCC
 CAAGAAGGAATTTGCAGAAAAAGCCGGCATAATTAAGGGAGTGACAGTAATTGGGAACTGGATATAGTG
 TGGAAACAAATCTAGGTGAAAGGGGACGGTTACAGACCAGCCAGCTTCAAAGGATGGCTCCAGGTTATG
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 TAAATACAACTGCAGCAGTGAGAGGATGATGGACCTCGTGCTGGAGATGTGCAACACCAATTCATC
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 CGCTCCTGTCTCAGTACAGGGGCTCCAAAGTGTCTCTGGCTTAAGACTCACTGACACATTTCTAAAGAG
 AACATACGAATATGATGACATCGCGCAAGTCTGCGTAGTCTCAGCAGCCGTGGAAGTGAAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR206621 representing NM_025879
 Red=Cloning site Green=Tags(s)

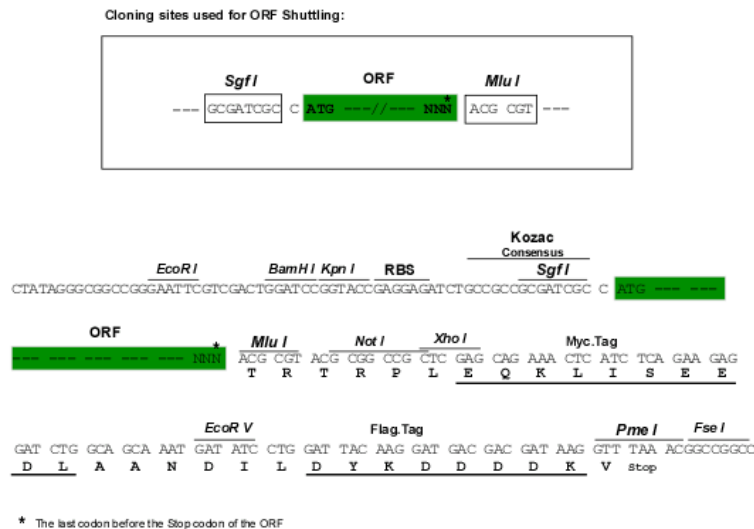
MEVNPPKQEHLLALKVMRLTKPTLFTNIPVTCEEKDLPGDLFNQLMKDDPSTVNGAEILMLGEMLTLPQN
 FGNIFLGETFSSYISVHNSNQVVKDILVKADLQTSSQRLNLSASNAVAELKPDCIDDVIHHEVKEIG
 THILVCAVSYTTQGGKMYFRKFFKFQVLKPLDVKTKFYNAESDLSSVTDEVFLEAQIQNITTSMPFMEK
 VSLEPSIMYNVTELSVTQAGECISTFGSRGYLQPMQTRQYLKPKKEFAEKAGIIGVTVIGKLDIV
 WKTNLGERGRQLQTSQLQRMAPGYGDVRLSLEAIPDTVNLEEPFHITCKITNCSSERMMDLVLEMCTNSI
 HWCGISGRQLGKLHPSSSLCLALTLLSSVQGLQSVSGLRLTDTFLKRTYEYDDIAQVCVVSAAVEVEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9059_f03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_025879

ORF Size: 1254 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_025879.2](#), [NP_080155.3](#)

RefSeq Size: 3563 bp

RefSeq ORF: 1257 bp

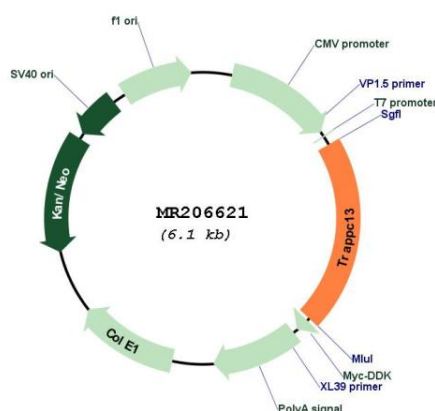
Locus ID: 66975

UniProt ID: [Q3TIR1](#)

Cytogenetics: 13 D1

MW: 46.6 kDa

Product images:



Circular map for MR206621