

Product datasheet for MR200877

Trappc2 (NM_025432) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trappc2 (NM_025432) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Trappc2
Synonyms: 1110066L09Rik; 1810064C02Rik; AW496358; MIP-2A; Sedl; TRS20
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200877 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGGAGCTTCTACTTCGTAATTGTTGGCCACCATGATAATCCAGTTTTTGAATGGAATTTTGC
 CACCTGGGAAAGCAGAATCAAAGATGATCACCGTCATCTGAACAGTTTATAGCTCATGCTGCTTTGA
 CCTTGTGGACGAAAATATGTGGCTTTCGAACAACATGACTTAAAAACGGTGGACAAATTAATGAGTGG
 TTTGTATCAGCCTTGTCACTGCAGGGCATATGAGATTTATTATGCTTCATGATGTGAGGCAAGAAGATG
 GGATAAAGAACTTCTTACTGATGTCTATGATCTGTATATAAAGTTTGAATGAATCCATTTTATGAACC
 CAATTCTCCATTGATCGAGTGCATTCGACAGGAAAGTCCAGTTTCTTGGGAAGAAACACCTTTAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200877 protein sequence
 Red=Cloning site Green=Tags(s)

MSGSFYFVIVGHHDNPVFEMEFLPPGKAESKDDHRHLNQFIAHAALDLVDENMWLSNNMYLKTVDKFNEW
 FVSFAFVTAGHMRFIMLHDVVRQEDGIKNFFTDVYDLYIKFAMNPFYEPNSPIRSSAFDRKVQFLGKKHLLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_025432

ORF Size: 423 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_025432.4](#)

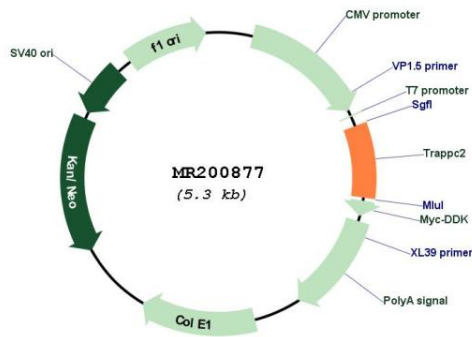
RefSeq Size: 765 bp

RefSeq ORF: 423 bp

Locus ID: 66226

UniProt ID: [Q9CQP2](#)
 Cytogenetics: X F5
 MW: 16.4 kDa
 Gene Summary: Prevents ENO1-mediated transcriptional repression and antagonizes ENO1-mediated cell death. May play a role in vesicular transport from endoplasmic reticulum to Golgi (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200877