

Product datasheet for **RN215890**

Trappc2b (NM_001271112) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trappc2b (NM_001271112) Rat Untagged Clone
Tag: Tag Free
Symbol: Trappc2b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215890 representing NM_001271112

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCTGGAAGCTTCTACTTTGTAATTGTCGGCCACCATGATAATCCAGTGTGGAAATGGAATTTCTGC
 CAGCTGGGAAGACAGAATCCAAAGATGAGCATCGTCATCTGAACCAAGTTCATAGCTCATGCTGCTCTGGA
 CCTCGTTGACGAAAACATGTGGCTCTCCAACAATATGTACTTAAAACTGTGGACAAGTTCAATGAGTGG
 TTTGTCTCGGCCCTTCGTCAGTCTGCTGGCCACATGAGGCTCATCATGCTTCACGATGTGAGGCAAGAAGATG
 GAATCAAGAACTTCTTCACTGACGTCTACGATCTATACATCAAGTTCGCCATGAATCCCTTTTATGAACC
 CAATTCTCCTATTCGGTCAACTGCATTTGAAAGAAAAGTTCAGTTTCTTGGGAAGAAACATCTTTTAAGC
 TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271112
Insert Size: 423 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001271112.1, NP_001258041.1</u>
RefSeq Size:	858 bp
RefSeq ORF:	423 bp
Locus ID:	100910318
UniProt ID:	<u>D3ZVF4</u>
Cytogenetics:	10q21
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] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.