

Product datasheet for **MG203967**

Tsnax (BC004611) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tsnax (BC004611) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tsnax
Synonyms:	R74833; Trax
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203967 representing BC004611 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAACGGCAAAGAAGGACCAGGAGGGTTCAGGAAGAGGAAGCATGACACCTTCCCACATAACCAAAGGA
GAGAGGGGAAGGATGCCAGTTTGTCTTCGCCGGTGATGCTGGCCTTCAAATCATTTCAGCAGGAGCTGGA
CGCCAGGCACGACAAATATGAGAGACTCGTGAAGCTAAGCCGGGATATTACTGTGGAGAGTAAGAGGACA
ATTTTTCTTCCATAGGATTACAAGTGCTCCTGATATGGAGGAGATACTGACTGAATCAGAAAGTAAGC
TGGATGGTGTGACACAGAAGATCCTGCAGGTAGCCCAAGAGCTGTCGGGGGAAGACATGCACCAGTTCCA
TCGAGCCGTACCCACAGGACTGCAGGAATACGTGGAGGCTGTCTTTTTCAACACTTCATCAAACTCGT
TCATTGATCAGTATGGAAGAGATTAACAAGCAGTTGACATTTACAGCAGAAGACAGTGGGAAGAGAGCA
AGACTCCTCCCGCGGAAGGACAAGAGAAGCAGCTGGTTACATGGAGACTGAAGCTCACCCCTGTTGACTA
CCTGCTGGGCGTGGCCGACCTAACTGGAGAGTTGATGCGGATGTGATTAACAGTGTGGGAACGGGGAC
ATCGACACCCCTTTGAAGTGAGCCAGTTTTTACGCCAGGTTTACGATGGGTTCTCGTTCATTGGCAACA
CTGGGCCCTATGAGGTCTCTAAGAAGCTGTACACCTTGAACAGAGCCTGGCCAAAGTGGAGAACGCTTG
CTATGCCCTTAAAGTCCGGGGTCTGAGATTCCTAAGCACATGCTGCCAGATGTGTTTTTCAGTAAAAACA
GACATGATTGATCAGGAAGAGAGCATTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203967 representing BC004611
Red=Cloning site Green=Tags(s)

MNGKEGPGGFRKRKHDTPHNQRREGKDALSSPVMLAFKSFQQELDARHDKYERLVKLSRDITVESKRT
 IFLLHRITSAPDMEEILTESESKLDGVRQKILQVAQELSGEDMHQFHRVTTGLQEYVEAVSFQHFIKTR
 SLISMEEINKQLTFTAEDSGKESKTPPAEGQEKQLVTWRLKLPVDYLLGVADLTGELMRMCINSVGNIGD
 IDTPFEVSQFLRQVYDGFSGFIGNTGPYEVSKKLYTLKQSLAKVENACYALKVGRSEIPKHLADVF SVKT
 DMIDQEESIS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC004611

ORF Size: 872 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: [BC004611](#), [AAH04611](#)

RefSeq Size: 2309 bp

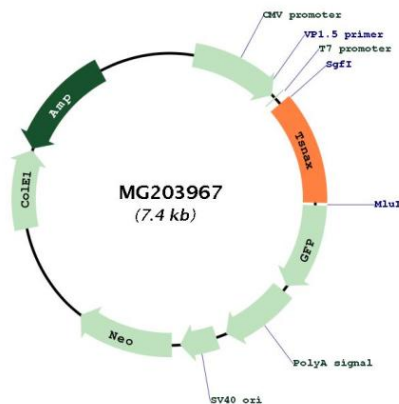
RefSeq ORF: 872 bp

Locus ID: 53424

Cytogenetics: 8 73.1 cM

Gene Summary: Acts in combination with TSN as an endonuclease involved in the activation of the RNA-induced silencing complex (RISC). Possible role in spermatogenesis (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG203967