

Product datasheet for **MG203558**

Tssk3 (NM_080442) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tssk3 (NM_080442) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tssk3
Synonyms:	1700014N07Rik; 4930594I21Rik; Stk22c; Stk22d; Tsk-3; Tssk-3; Tssk3b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203558 representing NM_080442 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACTTTCTACTCTCCAATGGGTATCAGCTGGCAAGACCATTGGGAAGGGACCTACTCAAAG
TCAAAGAAGCATTTTCCAAAAACATCAAAGAAAAGTGGCAATTAATATAGACAAGATGGGAGGGCC
AGAAGAGTTTATCCAGAGATTCTGCCTCGTGAGCTCCAGATTGTCGTACCTGGACCACAAAACATC
ATCCAGGTGTATGAGATGCTGGAGTCAGCAGATGAAAAATCTACCTGGTATGGAAGTGGCTGAGGGAG
GGGATGTCTTTGACTGTGTGCTGAACGGAGGGCCACTTCCGAGAGCCGGCCAAGGCCCTTCCGCCA
GATGGTTGAGGCTATTGCTATTGCCATGGCTGTGGCGTGGCCACCGGGACCTTAAGTGTGAGAAGCC
TTGTTGCAGGGCTTCAACCTGAAGCTGACCGACTTTGGCTTTGCCAAGGTGCTACCCAAGTCACGCAGGG
AGCTGAGCCAGACCTTCTGTGGCAGCACAGCCTATGCCGCCCTGAGGTGCTACAGGGCATAACCCATGA
TAGCAAGAAAGGTGATGTCTGGAGCATGGGTGTGGTCTGTATGTAATGCTCTGTGCAAGTCTACCTTT
GATGACACAGATATCCCAAGATGCTGTGGCAGCAGCAGAAGGGGTGTCCTTCCCCTCATTTGGGCA
TCTCAACCGAATGCCAGGACCTGCTCAAGCGGCTCCTGGAACAGACATGATACTCCGGCCTTCAATCGA
AGAAGTTAGTTGGCACCCATGGCTAGCAAGCACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203558 representing NM_080442
 Red=Cloning site Green=Tags(s)

MEDFLLSNGYQLGKTIGEGTYSKVKEAFSKKHQRKVAIKIIDKMGPEEFIQRFLLPRELQIVRTLHKNI
 IQVYEMLESADGKIYLVMEIAEGGDVFCVNLGGPLPESRAKALFRQMVETIRYCHGCGVAHRDLKCENA
 LLQGFNLKLTDFGFAKVLPKSRRELSQTFCGSTAYAAPEVLQGI PHDSKKGDVWSMGVVLYMLCASLPF
 DDTDIPKMLWQQKGVSFPTHLGISTECQDLLKRLLEPDMILRPSIEEVSWHPWLAST

TRTRPLE - GFP Tag - V

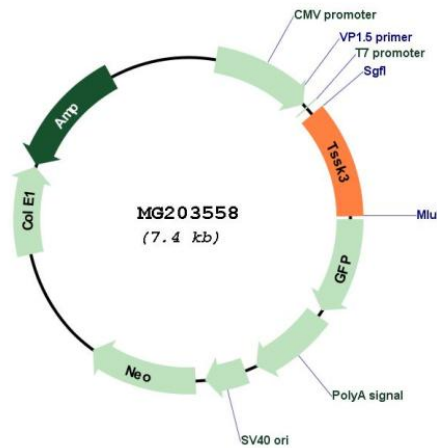
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_080442

ORF Size: 804 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:	<ol style="list-style-type: none">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_080442.2 , NP_536690.1
RefSeq Size:	1034 bp
RefSeq ORF:	807 bp
Locus ID:	58864
UniProt ID:	Q9D2E1
Cytogenetics:	4 D2.2
Gene Summary:	May be involved in a signaling pathway during male germ cell development or mature sperm function.[UniProtKB/Swiss-Prot Function]