

Product datasheet for **MG205695**

Tm6sf1 (BC023123) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tm6sf1 (BC023123) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tm6sf1
Synonyms:	MGC25583
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205695 representing BC023123 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGCCTCTGCGGCCACGGGGTTTTGTGCTGTCCCTCTCAGCCATCCCGGTCACCTACATCTTCA
ACCACCTGGCGGCCAGCAGATTCTGGACCATTGTTGGGGTTGCTGCCCTCATCCTGCTCCTGGTGGC
CCTTTGGCCGGGTCCTTGTGAGAAGAAAACCGCCGAGGGACCCTCTGTTCTACGTGTATGCAGTGT
GGATTTACCAGTGTGGTGAACCTTATCATAGGCTTGGAGCAAGATGGCATCATTGATGGATTATGACGC
ACTACTTGAGAGAGGGTGAACCGTATCTGAACACGGCCTATGGGCACATGATCTGCTACTGGGATGGCTC
TGTTCACTACCTGATGTACCTAGTGATGGTGGCCGCATAGCCTGGGAGGAAAGCTACAGAACCATTGGC
CTATACTGGGTCGGATCCATTATAATGAGCATCGTGGTTTTGTGCTGGAAACATCGTAGGAAAGTATG
GGACACGGATTTGCCCTGCATTTTTCTTAAGCATACCATATACATGTCTCCGGTCTGGGCTGGCTTCA
AATCTATAATCAACCATCAGAAAATAAATTCCCTCAAAGGTTCTTCAAGAAGCCAAAGCAAAGGCC
CTGCTGAGAAGACCGTTTACTAGTGTGGTGTGTCTTTCTTGGCAACTGGATTTTGGCTGTTCA
GAGGCTTGATTGCTTTGGATTGCCAGCTGAGCTCTGCCGACTCTACACGCAGTTTCAAGAGCCCTACCT
AAAGGACCCTGCTGCTTATCCTAAGATTGAGATGCTGGCATAACATGTTCTATTCCGTCCTTACTTTGTG
ATTGCCCTTTATGGCTTAGTGGTCCCTGGATGCTCATGGATGCCGATGATTAACGCTGGTCCATGCTGGAG
GTCTAGCTCAGGCTCAGTTTTCTCACATTGGTGGTCCCTTCATGCTAGAACTGCTTATGTCTACAGAGT
CCCCGAAGAAGCGAAAATCTTTTTCTAGCACTAAACATAGCATATGGAGTTCTTCTCAGCTCTTGGCC
TACCGTTGACTACAATCCCGAGTTCTTCTAAGAACTAAGGCAGATGAGAAGTTGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205695 representing BC023123
 Red=Cloning site Green=Tags(s)

MSASAATGVFVLSLSAIPVTYIFNHLAAQHDSWTIVGVAALILLVALLARVLVRRKPPRDPLFYVYAVF
 GFTSVVNLIIIGLEQDGIIDGFMTHYLREGEPYLNATAYGHMICYWDGSHVHLYMLVMVAIIAWEESYRTIG
 LYWVGSIIIMSIVFVPGNIVGKYGTRICPAFFLSIPYTCLPVWAGFRIYNQPSSENYNPSKVLQEAQAKA
 LLRRPFDLVLVCLFLATGFCLFRGLIALDCEPAELCRLYTQFQEPYKDPAAAYPKIQMLAYMFYSVPYFV
 IALYGLVVPGCSWMPDITLVHAGGLAQAFSHIGASLHARTAYVYRVPEEAKIFFLALNIAYGVLPLLA
 YRCTYNPEFFLRKKADEKLE

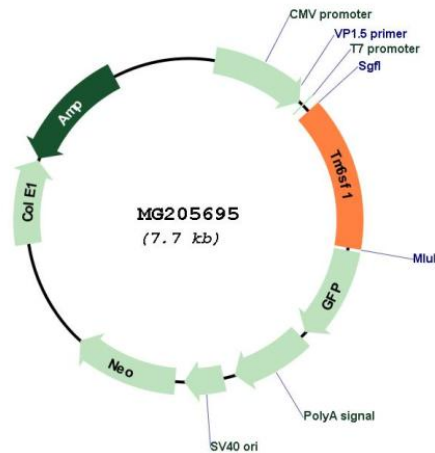
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC023123

ORF Size:	1112 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:	BC023123 , AAH23123
RefSeq Size:	2194 bp
RefSeq ORF:	1112 bp
Locus ID:	107769
Cytogenetics:	7 D3
Gene Summary:	May function as sterol isomerase.[UniProtKB/Swiss-Prot Function]