

Product datasheet for **MG206478**

Supt7l (BC031447) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Supt7l (BC031447) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Supt7l
Synonyms:	2610524B01Rik; 6030455L14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206478 representing BC031447 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGAGGTACTGGGAGAGATACCAATACCGTCAGGACAGACCAACAGAAGTTCCTTTGATCTGCTCC
CACGGGAGTTCGGTCTGGTGAAGTCCATGACCCGCCCTGCACCAGCCCTCAGCCAACAAGCCGAAGCC
CCCCACGATGCTGGACATTCCCTCAGAACCGTGTAGCCTCACCATCCATACCATTAGTTGATCCAACAC
AACCGACGCTGCGCAGCCTTATTGCCACAGCTCAGACCCAGAGTCAGCAGCAGACAGAGGGTGTGAAGG
CTGAAGAGAGTGAACCTCTCCCTCCTGCCCTGGCTCACCTCCTCTCCCTGATGACCTCCAGCCTTTAGA
CTGTAAAAATCCAATGCTCCATTCCAGATCCGGCACAGTGACCCAGAGAGTGACTTTTACCGCGGGAAA
GGAGAGCCTGTGACAGAGCTGAGCTGGCACTCCTGCCGGCAGCTCCTCTATCAAGCAGTCCGCACATCC
TGGCCACACAGGCTTTGAGTGTGCTAATGAAAGTGTCTGGAGACCCTAACTGATGTGGCAGATGAATA
CTGCCTCAAGTTCACCAAGCTGCTGCGCTTTGCTGTGACCGAGAGGGCCCTGCTGGGACAGACTCCTTTC
CCTGATGTAATGGAACAGGTGTTCCATGAAGTGGCATTGGCAGTGTGCTCTCCCTGCAGAAGTTCTGGC
AGCACCGCATCAAGGACTATCACACTTACATGCTACAGATTAGTAAGCAGCTCTCTGAAGAATATGAAAG
GATTGTGAATCCCGAGAAGGCCACAGAAGACACTAAACCTGTGAAGATCAAGGAAGAGCCTGTGAGCGAC
ATCACATTTCTGTGCTGAGGAGCTAGAAGCGGACCTTGCTTCTGGAGATCAGTCCTTACCCATTGGGG
TCCTCGGGGCTCAGAGTGAGCGCTTCCATCCAACCTGGAGGTGGAGGCTTCGCCACAGGCTCCAAGTGC
AGAGGTCAATGCTTCTCCTCTCTGGAACCTGGCTCACGTGAAAATGGAACCTCAAGAAAGTGAAGAAGGC
AATGTGTCTGCGCATGGGTGCTGGGAGTGATGTCTTTGAGGAGCCAATGTGAGGCATGAGTGAGGCTG
GACTCCCTCAGAGCCCTGACGACTCAGACAGCAGCTATGGTTCCCACTCCACTGACAGCCTCATGGGGTC
CTCCCCTGTGTTCAATCAGCGCTGCAGGAAGAGGATGAGGAAGATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >MG206478 representing BC031447
 Red=Cloning site Green=Tags(s)

MLRYWGEIIPSGQTNRSSFDLLPREFRLVEVHDPPLHQPSANKPKPPTMLDIPSEPCSLTIHTIQLIQH
 NRRLRSLIATAQTQSQQTEGVKAESEPLPSCPGSPPLPDDLQPLDCKNPNAFQIRHSDPESDFYRGK
 GEPVTELSWHSCRQLLYQAVATILAHGTFCANESVLETLTDVAHEYCLKFTKLLRFVADREALLGQTPF
 PDVMEQVFHEVGIGSVLSLQKFWQHRIDYHTYMLQISKQLSEYERIVNPEKATEDTKPVKIKEEPVSD
 ITFPVSEELADLASGDQSLPIGVLGAQSERFSPNLEVEASPAEVSAPLWNLAHVKMEPQESEEG
 NVSAHGVLGSDVFEEPMSEAGLPQSPDDSDSSYGSHSTDLSLGGSPVFNQRCRKRMRKI

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC031447

ORF Size: 1236 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC031447](#), [AAH31447](#)

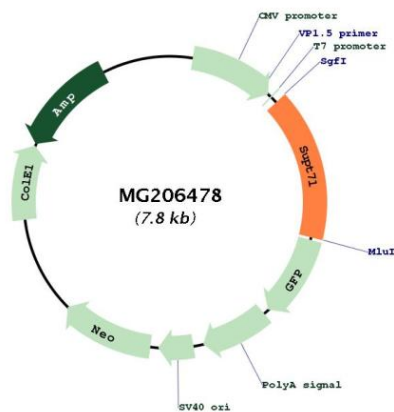
RefSeq Size: 2616 bp

RefSeq ORF: 1238 bp

Locus ID: 72195

Cytogenetics: 5 B1

Product images:



Circular map for MG206478