

Product datasheet for **MG208010**

Snta1 (BC018546) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snta1 (BC018546) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Snta1
Synonyms:	AW228934; Snt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208010 representing BC018546
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGTCAGGCAGGCGCGCTCCGCGCACCGGGTTGCTGGAAGTGTGCTGCGGGGCGGGCTCCGGGCGG
 GTGGCGAGCGGTGGCAGCGGGTGTGCTCTCTGGCGGAGGACGCGCTGACCGTGAGTCCCGCCGACGG
 CGAGCCCGGCCCGGAGCCGGAGCCCGCGCAGCTCAACGGCGCGCTGAGCCCGGCGGGCCCGCCACAG
 CTGCCAGAAGCGCTGCTGCTCCAGCGGCGCGCTGACGGTGCGCAAGGCCGACGCGGGCGGGCTGGGCA
 TCAGCATCAAGGGGGCCGGGAAAACAAGATGCCTATTCTCATTCCAAGATCTCAAGGGACTGGCAGC
 AGACCAGACGGAGGCCCTTTTGTGGGATGCCATCCTGTCTGTGAATGGTGAAGATTTGCTCTGCTGCC
 ACCCACGATGAAGCGGTACAGGCCCTCAAGAAGACAGGCAAGGAGTTGTGTTGGAGTTAAGTACATGA
 AGGAGGTCTCACCTATTTCAAGAATTCTGCTGGAGGGACCTCCGTTGGTGGGACTCACCTCTGCCTC
 GCCTCTCAGCGCAGCCTTCTCCCTGGCCCCAACCCGGAACCTCAGTGAGGCCAAACACGTATCT
 TTGAAGATGGCGTATGTCTCAAGGAGGTGACCCCCACTGACCCAGAGCCAGGTACCTGGAGATCTGTG
 CAGCGGACGGCCAGGACGCTGTCTTCTGAGGGCCAAGGATGAGGCCAGCGCAAGGTCATGGGCGGGCGC
 CATCCAAGCGCAGATCGGCACATTCATACCTTGGGTCAAAGATGAGCTCCAGGCTCTGCTGACAGCCACA
 GGTACAGCTGGGAGCCAGGACATCAAGCAGATTGGCTGGCTGACAGAACAGTTGCCAGCGGGGAAACGG
 CACCAACCCTGGCCCTGCTGACTGAGAAGGAGCTGCTCTTCTACTGCTCTCTCCCTCAGAGCCGAGAGGC
 CCTGAGCAGGCCGACCCGCACTGCCCGCTCATTGCCACCAGGCTGGTGCCTCAGGCCCTCAAGGGC
 TCAGTGCCTATGATGCAGAACTCTCTTTGCCCTGCGCACGGGTACACGGCACGGTGTGGACACTCACC
 TGTTCAAGTGTGGAGTGCAGCAAGAGCTGGCAGCCTGGACCCGACAGTTGGTGGATGCTCATCGGGC
 TGCTGAAGGCGTACAAGAAGTGTCTACAGCCTGCACGTGGAACGGCCGTCCTGCAGCCTGTCTGTGCAC
 ATCGACAAGGGCTTACCCTGTGGGACGCTGAGCCTGGAGCAGCCGAGCCATGCTGCTCCGACAGCCCT
 TCGAGAACTTCAGATGTCATCAGATGATGGCAGGAGTCTCCTTTTCTGGACTTTGGGGGTGCTGAAGG
 AGAGATCCAGCTGGACCTGCACTCGTGTCCAAAACGATGGTCTTTATCATCCACTCTTCTGTCCGCC
 AAGGTCACCCGCTTGGGGCTCTGGCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208010 representing BC018546
 Red=Cloning site Green=Tags(s)

MASRRAPRTGLLELCCGAGSGAGGERWQRVLLSLAEDALTVSPADGEPGPEPEPAQLNGAAEPGAAPPQ
 LPEALLLQRRRVTVRKADAGGLGISIKGGRENKMPILISKIFKGLAADQTEALFVGDAILSVNGEDLSSA
 THDEAVQALKKTGKEVLEVKYMKVSPYFKNSAGGTSVGWDSPPASPLQRQPSSPGPQPRNLSEAKHVS
 LKMAYVSRRTPTDPEPRYLEICAADGQDAVFLRAKDEASARSWAGAIQAQIGTFIPWVKDELQALLTAT
 GTAGSQDIKQIGWLTEQLPSGGTAPTLALLTEKELLYCQLPQSREALSRPRTAPLIATRLVHSGPSKG
 SVPYDAELSFALRTGTRHGVDTLHFSVESPELAAWTRQLVDGCHRAAEGVQEVSTACTWNGRPCSLSVH
 IDKGFTLWAAEPGAARAMLLRQPFEKLMSSDDGTSLLFLDFGGAEGEIQLDLHSCPKTMVFIHSLSA
 KVTRLGLLA

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC018546

ORF Size: 1499 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: [BC018546](#), [AAH18546](#)

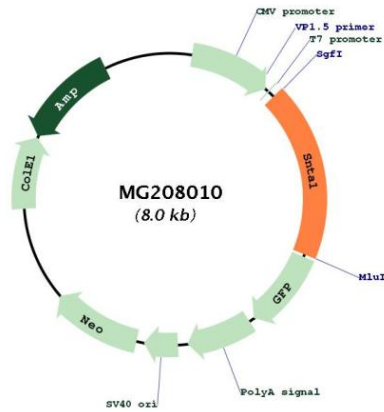
RefSeq Size: 2074 bp

RefSeq ORF: 1499 bp

Locus ID: 20648

Cytogenetics: 2 76.52 cM

Product images:



Circular map for MG208010