

Product datasheet for **RG203501**

SCRN2 (NM_138355) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCRN2 (NM_138355) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SCRN2
Synonyms:	Ses2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203501 representing NM_138355 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGTCGTCGAGCCCTGACTCCCCATGTTCTCGCGACTGCTTTGTCTCCGTGCCCCCGGCCTCAGCCA
TCCCGGCTGTGATCTTTGCCAAGAACTCGGACCGACCCCGGGACGAGGTGCAGGAGGTGGTGTTCCTCC
CGCAGGCACTCACACTCTGGGAGCCGGCTCCAGTGCACCTACATTGAAGTGAACAGGTGTGGAAGACG
CACGCTGTGATTCTGAGCCGTCCTTCTGGCTATGGGGGCTGAGATGGGCGCCAACGAGCATGGTGTCT
GCATTGGCAACGAGGCTGTGTGGACGAAGGAGCCAGTTGGGAGGGGGAAGCCCTGCTGGGCATGGACCT
ACTCAGGCTGGCTTTGGAACGGAGCAGCTCTGCCAGGAGGCCTTGCATGTGATCACAGGGTTACTGGAG
CACTATGGGCAGGGGGGCAACTGCCTGGAGGATGCTGCGCCATTCTCCTACCATAGCACCTTCTGCTGG
CTGACCGCACTGAGGCGTGGGTGCTGGAGACAGCTGGGAGGCTCTGGGCTGCACAGAGGATCCAGGAGGG
GGCCCGCAACATCTCCAACGAGCTGAGCATTGGCACGGACATCTCGGCCAACACCCGGAGCTGCGGACT
CATGCCAGGCCAAGGGCTGGTGGATGGGCAGGGTGCCTTTGACTTTGCTCAGATCTTCTCCCTGACCC
AGCAGCCTGTGCGCATGGAGGCTGCCAAGGCCCGCTTCCAGGCAGGGCGGGAGCTGCTGCGGCAACGGCA
AGGGGGCATCACGGCAGAGGTGATGATGGGCATCCTCAGAGACAAGGAGAGTGGTATCTGTATGGACTCG
GGAGGCTTCGCACCACGGCCAGCATGGTGTCTGTCCTGCCCCAGGATCCACGCAGCCCTGCGTGCACT
TTCTTACCGCCACGCCAGACCCATCCAGGTCTGTGTTCAAACCTTTCATCTTCGGGGTGGGGGTGGCCCA
GGCCCCCAGGTGCTGTCCCCACTTTTGGAGCACAAGACCTGTTTCGGACCTGCCCCGATTCCAGACT
CAGGTAGATCGTCGGCATACCCTCTACCGTGGACACCAGGCAGCCCTGGGGCTGATGGAGAGAGATCAGG
ATCGGGGGCAGCAGCTCCAGCAGAAACAGCAGGATCTGGAGCAGGAAGGCCTCGAGGCCACACAGGGGCT
GCTGGCCGGCAGTGGGCCCCACCCCTCTGGGAGCTGGGCAGCCTCTCCAGGCCTTCGTGAAGAGGGAG
AGCCAGGCTTATGCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG203501 representing NM_138355
 Red=Cloning site Green=Tags(s)

MASSSPDSPCSCDCFVSVPPASAIPAVIFAKNSDRPRDEVQEVVFPAGTHTPGSRLQCTYIEVEQVSKT
 HAVILSRPSWLWGAEMGANEHGVCIGNEAVWTKPEVGEALLGMDLLRLALERSSSAQEALHVITGLLE
 HYGQGGNCLEDAAPFSYHSTFLLADRTEAWVLETAGRLWAAQRIQEGARNISNQLSIGTDISAQHPRLT
 HAQAKGWWDGQGAFDFAQIFSLTQQPVRMEAARFQAGRELLRQRGGITAEVMMGILRDKESGICMDS
 GGFRTTASMVSVLPQDPTQPCVHFLTATPDPSRSVFKPFIFGVGVAQAPQVLSPTFGAQDPVRTLPFRQT
 QVDRRHLYRGHQAALGLMERDQDRGQQLQKQKQDLEQEGLEATQGLLAGEWAPPLWELGSLFQAFVKRE
 SQAYA

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_138355

ORF Size: 1275 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: [NM_138355.2](#), [NP_612364.1](#)

RefSeq Size: 1488 bp

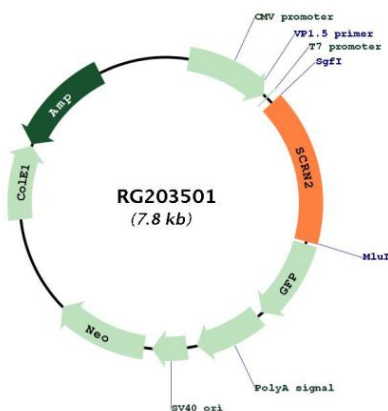
RefSeq ORF: 1278 bp

Locus ID: 90507

UniProt ID: [Q96FV2](#)

Cytogenetics: 17q21.32

Product images:



Circular map for RG203501