

Product datasheet for **RG213892**

SP140L (NM_138402) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SP140L (NM_138402) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SP140L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG213892 representing NM_138402
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCAGGTGGGGCAGCGACCTGAGCACCAGGGGCTGAACGGAGGTGTTTCACAAGTAGCAAATGAGA
 TGAACCATCTTCCTGCACACAGCCAAAGTCTGCAAAGGCTGTTCACGGAAGACCAGGATGTAGATGAGGG
 ACTTGTCTATGACACTGTATTCAAGCACTTCAAAAGACATAAGCTGGAGATATCAATGCAATAAAAAAG
 ACATTTCCATTCTTGAGGGCCTCCGCGATCGGGAACATCACAAATAAAATGTTTGAAGATTCTGAAG
 ATTCTGTAGAAACCTGGTCCCTGTACAAAGAGTGGTGTACAATGTTCTCAGTGAAGTGGAGAAGACATT
 TAACCTGTGAGTTTGGAGCACTGTTCAGCGAGGTCAACATGCAGGAATACCCCGATTTAATTCACATT
 TATAAAGCTTCAAAATGCAATCCAAGACAAATTGTCTTCCAAGAAAGTGATCGAAAAGAAAGGGAAG
 AGAGGCCTGACATCAAACTAAGTCTTAACAAGGAGAAGTGCCAGAAAGCCCGGAAGCAAGGAAGGAAAG
 TGACCAAGCATGTGGCAAAATGGATACTGTGGATATTGCAAACTCTACTTTGGGAAAACCCAGAGG
 AAAAGAAGAAAAAGAAGGGCATGGCTGGAGCAGAATGGGAACGAGAACGCAGAAAAACAACCAACAAA
 ATGATAACAGCAAGCCGATGGCCAGCTGGTCTCGAGTGAAGAAGGCGAACATGAATCTGAAAGACCT
 TTCCAAGATTAGGGGGAGAAAGAGAGGCAACCTGGAACCCACTTTACTCAGAGTGACAGAGCTCCACAG
 AAAAGAGTCCGATCAAGAGCTTCAAGAAAGCACAAAGATGAACTGTGGATTTTCAGGCTCCTTTACTTC
 CAGTGACCTGTGGTGGGTGAAGGAATTTACATAAGGAGAAATTGGAACAAGGAACCTTGGCAAAGTG
 TATACAGACTGAGGATGGAAATGGTTCACCCCATGGAATTTGAAATCAAAGGAGGCTACGCAAGATCA
 AAGAACTGGAGGCTGAGTGTGCGCTGTGGCGGTGGCCCTACGACGGCTGATGGAGGAAGGATCTCTAC
 CTAATCTCCAAGAATATATTACAGGAACAAAAAGAGAATACTGAAGTCTCAAAACAATAGCTCAGTTGA
 CCCTTGATGAGAACTTGGATGAGTGTGAGGTGTGCCGGGACGAGGGGAGCTGTTCTGTTGCACACT
 TGTTCAAGAGTCTTCCATGAGGACTGCCACATCCACCTGTGGAAGTGAGAAGACCCCGTGAATTGCA
 TCTTCTGCAGGATGAAGGAGTCTCCGGGAAGCCACAGTGTGTCAGGAATCTGAGGTCTGGAGAGGCA
 GATGTGCTCTGAGGAACAGTTGAAATGTGAGTTCCTCTCTTGAAGTCTATTGCTGTTCTGAGAGCTCC
 TTTTGTGCAAGATTCCATACTATTATTATATTAGAGAGGCGTGTCAAGGCCTGAAGGAGCCCATGTGGT
 TGGATAAATCAAGAAAGGCTGAATGAGCACGGTTACCCCAAGTGGAGGGTTTGTACAAGACATGCG
 CCTCATCTTCCAGAACACAGGGCCTTTACAAGTATAAGGATTTTGGCCAAATGGGACTTAGACTGGAG
 GCTGAATTTGAGAAGGATTTCAAGGAAGTGTGCTATTAGGAAACAAATGGGAACAGT

ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG213892 representing NM_138402
 Red=Cloning site Green=Tags(s)

MAGGGSDLSTRGLNGGVSQVANEMNHLPAHSQSLQRLFTEDQDVDEGLVYDTVFKHFKRHKLEISNAIKK
 TFPFLEGLRDRELITNKMFEDESDSCRNLVPVQRVVYNVLESEKTFNLSVLEALFSEVNMQEYPDLIHI
 YKSFKNAIQDKLSFQESDRKEREERPDIKLSLKQGEVPESPEARKESEDQACGKMDTVDIANNSTLGPKR
 KRRKKKGHGWSRMGRTRQKNNQNDNSKADGQLVSSEKKANMNLKDLKIRGRKRKPGTHFTQSDRAPQ
 KRVRSRASRKHKDETVDFAPLLPVTCGGVKILHKEKLEQGTAKCIQTEDGKWFPMFEFEIKGGYARS
 KNRWLSVRCGGWPLRRLMEEGSLPNPPRIYYRNKKRILKSQNNSSVDPCMRNLDECEVCRDGGELFCCDT
 CSRVFHEDCHIPPVESEKTPWNCIFCRMKESPGSQCCQSEVLERQMCPEEQLKCEFLLLKVYCCSESS
 FFAKIPYYYYIIEACQLKEPMWLDKIKKRLNEHGYPQVEGFVQDMRLIFQNHRSYKYKDFGQMGLRLE
 AEFKDFKEVFAIQETNGNS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_138402

ORF Size: 1740 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: [NM_138402.6](#)

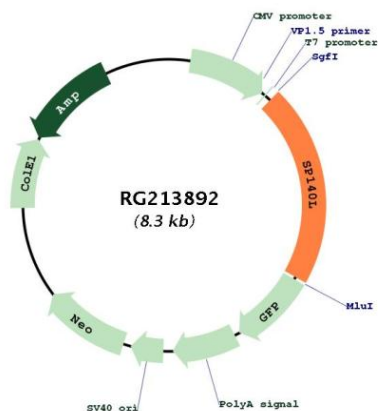
RefSeq Size: 2668 bp

RefSeq ORF: 1743 bp

Locus ID: 93349

UniProt ID: [Q9H930](#)
 Cytogenetics: 2q37.1
 Domains: SAND, PHD
 Protein Families: Druggable Genome

Product images:



Circular map for RG213892