

## Product datasheet for **RG207257**

### SPRN (NM\_001012508) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SPRN (NM\_001012508) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** SPRN  
**Synonyms:** bA108K14.1; SHADOO; SHO  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG207257 representing NM\_001012508  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGTGGGACCCGCAACGTGCTGGGCTCTGCTACTGGCGGCCGCTTCCTCTGCGACAGCGGCGCAG  
CCAAGGGCGGCCGCGAGGTGCGCGGGGAGTCCCGGGGAGGGTCCGCGGGGCGCGCGGGGCTC  
GAGGGTGCCTGAGGCCGCGCAGCGCTACGGTGCCCGGGTTCCTCCCTGCGCGTGGCTGCCCGGG  
GCGGCAGCCGGGCGCGGGGAGCGGCCGCGGCCCTGGCGCGGGCTCGGGCTGGAGAAGGGCCGCG  
GACCCGGGAACGCGGCCTGGAGGACGAGGAGGACGGGGTCCCGGAGGCAACGGGACAGCCCCGGCAT  
CTACAGCTACCGGCGTGGACTTCGGGCGCTGGACCCACGCGCGGCCCGCTCTGTCTCGTGCTGGG  
GGCGCCCTCGGAGCCCTGGGGCTGCTGCGGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG207257 representing NM\_001012508  
**Red**=Cloning site **Green**=Tags(s)

MNWAPATCWALLLAAFLCDSGAAKGGRGGARGSARGGVRRGARGASRVVRPAQRYGAPGSSLRVAAAG  
AAAGAAAGAAAGLAAGSGWRRAGPGERGLEDEEDGVPGNGTGPGIYSYRAWTSAGAPTRGPRLCLVLG  
GALGALGLLRP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



[View online »](#)

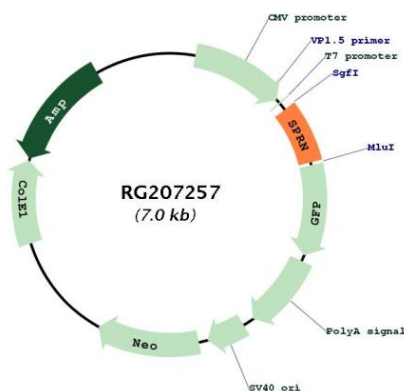
Cloning Scheme:



ACCN:	NM_001012508
ORF Size:	453 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. <a href="#">More info</a>
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"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<a href="#">NM_001012508.2</a> , <a href="#">NP_001012526.2</a>
RefSeq Size:	3219 bp
RefSeq ORF:	456 bp

Locus ID:	503542
UniProt ID:	<a href="#">Q5BIV9</a>
Cytogenetics:	10q26.3
Gene Summary:	Prion-like protein that has PrP(C)-like neuroprotective activity. May act as a modulator for the biological actions of normal and abnormal PrP (By similarity).[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RG207257