

## Product datasheet for **SC208906**

### SPG7 (NM\_003119) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SPG7 (NM\_003119) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SPG7  
**Synonyms:** CAR; CMAR; PGN; SPG5C  
**ACCN:** NM\_003119  
**Insert Size:** 703 bp  
**Insert Sequence:** >SC208906 3'UTR clone of NM\_003119  
The sequence shown below is from the reference sequence of NM\_003119. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGAGGCGAAGAGCCGACTTGGCCCAAGTAGTTGGGAGGTGTTGGCTGCACGTGCGGGTGGTCCGGGAAG
TGAGGGCTCACTCAGCCACCCTGAGTTGCTTTTCAGCTGAGGTTTGCACCTCCTCTCGCGGCCCTCAGT
AGTCCCTGCACAGTGACTTCTGAGATCTGTTGATTGATGACCCTTTTCATGATTTTAAAGTTTCTCTGCA
GAAACTACTGACGGAGTCTGTGTTTGTGAGTCGTTTCCCTATGGGGAAGGTTATCAGTGCTTCCCGA
GTGAGCATGGAACACTTCGAGTCCCAGGGTTATAGACAGTCGTTCCAGTGTGGCTGAGGCCACCCAG
AGGCAGCAGAGCATTAGACTCCAACAGACCCCTGTTTCATGCCGACGCTTGACGACCGCCCCAGTTC
CTGTGGCTCCCTCGGAATGCTAAGGGGATCGGACATGAAAGGACCCTGTGAGCCGATTGCCTATCTCC
AGCGGCCCTGTCATCCAGCTCACTCATCAATGGGGCCAGTCAGGCCAGGCACTGGGCTCCGGAGGACT
CACCCTGCCCCCTGCTGCCATGTGACTGGTGAAGTTGAGGACTTCTTGCTGGTCTAGTCACGCATG
CAGTGTGGGGATGCCTTGGTTTTACTGCTCTGAGAATTGTTGAGATACTTTACTAATAAACTGTGTA
GTTGAAAATCTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u>NM_003119.4</u>
<b>Summary:</b>	This gene encodes a mitochondrial metalloprotease protein that is a member of the AAA family. Members of this protein family share an ATPase domain and have roles in diverse cellular processes including membrane trafficking, intracellular motility, organelle biogenesis, protein folding, and proteolysis. Mutations in this gene cause autosomal recessive spastic paraplegia 7. Two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2014]
<b>Locus ID:</b>	6687
<b>MW:</b>	25.3