

Product datasheet for **SC210243**

SPG7 (NM_199367) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SPG7 (NM_199367) Human 3' UTR Clone
Symbol:	SPG7
Synonyms:	CAR; CMAR; PGN; SPG5C
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_199367
Insert Size:	841 bp
Insert Sequence:	>SC210243 3'UTR clone of NM_199367 The sequence shown below is from the reference sequence of NM_199367. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCGCTCTGCTGGGGTTGCCTTTTGCACTGAAGATAGAGACCACCTTTTTGAGTGACTTGAGCCCAAAGG
CAAGCGTATATCAAACGATCTTCTCCACATAACCTCTCTGTGCCATCATAAGAATAGCTGCTTCCGCCC
CCGGATTTGCTCAGGCCCTGGGAATCCGCTGACTGAAGGCCTCTTGTTGAGTGCCAGCTCTAAACAAGTC
CCTTTATGCAGAGCCACAGCTGTGCATGCTCAGCCCTGCCGAGGTCCCAGGCCAGGCTTTGTTGCTTCC
GTTTCATGGAAGCGCACAGGATAGGGCCGACGCTGTGCCGGTCTGTGGGAAATCTCACTGGGGAAGAGAA
AAGCCCAAGCCTTGTGGTTACGTACGCCGGTCCATGGCGGTGTCTGCCGACCCAGAGCCCCCGGGA
AGGGCGCAAGTCAAAGAGCACTGGAGGCACCGCCGGCGATGGACGTCCAGGTCCCAGGCTCCTGTGTGG
AAAGCGTTGATGGGGAGCGTCGGCGCTGACCACACGCGGGAGCTGCGGAAGCCCAGCGGTTACACACAGG
CCTCCCTTCAACGTAGTCATCCCTGGTGGTGAAGCAAGACGACGGCCCTGACGTGCAGCCACACAC
AGAAAAGGCTGCTGTGAACATTTATGCTTCGACTTTTTTTTTCTTCAGAGACAGGGTGTGCTTCTGTC
GCCCAGGCTGGAGTGCAGTGCCACCATCATAGCTCACTGCAGCCTCCACCTCCTAGGCTCAAGCTTCCT
AAGTAGTTGGGACTCAAGGCTTGAGTCACCATGCCAGGCTCTGTTTTTTCAGTCTGTGAAAAATAAAGT
CATCAGCATGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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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).
Components:	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.
RefSeq:	<u>NM_199367.3</u>
Summary:	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]
Locus ID:	6687
MW:	31.4