

Product datasheet for **MC225315**

Spg11 (NM_145531) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spg11 (NM_145531) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spg11
Synonyms:	6030465E24Rik; A330015I111; C530005A01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225315 representing NM_145531 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCCAGCCAGGCGCCGGAAAGTGTGCCTCCCCGGCTGTGCCGGGCCATGGAGCGGGTCTGC
CCATGTCTGGTGGGATCCCAGCTGAGGAGACGGCGCAGCTGGGACCGGGCGCAGCTGCACCGAGA
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CAAGAGGAGTTTTTGAACAGACTAATGATCCACGGCAGCGCCAGCACTGTGGACTCCCTTTGTCATCTCA
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 GCTCGCAGGTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-RsrII

ACCN:

NM_145531

Insert Size:

7293 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_145531.2](#), [NP_663506.2](#)

RefSeq Size: 7665 bp

RefSeq ORF: 7293 bp

Locus ID: 214585

UniProt ID: [Q3UHA3](#)

Cytogenetics: 2 E5

Gene Summary: May play a role in neurite plasticity by maintaining cytoskeleton stability and regulating synaptic vesicle transport.[UniProtKB/Swiss-Prot Function]