

Product datasheet for **MC207476**

Spg21 (NM_138584) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spg21 (NM_138584) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spg21
Synonyms: ACP33; BM-019; C78576; D9Wsu18e; GL010; MAST
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207476 representing NM_138584
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGAGAGATCAAAGTCTCTCCAGATTATAATTGGTTTAGAAGTACTGTTCCCCTGAAAAAGATAATCG
TGGATGACGATGACAGTAAGATCTGGTCGCTCTACGACGCTGGCCCCAGAAGCATCAGGTGCCTCTCAT
CTTTCTTCTCTGTGTCAGCGGAAGTGCAGATGTGTTTTCCAGCAGATTCTGGCTTGACTGGATGGGGT
TACCGGGTTATAGCTTTGCAGTATCCAGTTTATTGGGACCATCTTGAATTCTGTGATGGATTCAGAAAAC
TTTTAGACCACCTACAAGTGGATAAAGTTCATCTGTTTGGGGCATCTTTGGGAGGCTTTTTGGCTCAAAA
ATTTGCTGAATACACTCACAAGTCTCCAGGGTACACTCCCTCATCCTGTGCAATGCCTTCAGTGACACG
TCTATCTTCAACCAACATGGACTGCAAAATAGCTTCTGGTTGATGCCAGCGTTTATGCTCAAGAAAATCG
TTTTGGGAACTTTCTCTGGCCAGTAGACCCGATGATGGCTGATGCCATTGATTTTCATGGTGGACAG
GCTGGAGAGTTTGGGTCAAAGTGAAGTGGCTTCAAGGCTAACTCTCAACTGTCAGAATTCCTATGTGGAG
CCACATAAGATCCGGGACATCCCCGTACCATCATGGATGTGTTTGACCAGAGTGCCTGCAACAGAAG
CCAAGGAAGAAATGTACAACTGTACCCTAATGCGCGGAGAGCCACCTTAAGACAGGAGCAATTTTCC
CTACCTGTGACGAGTGCAGAGGTCAATCTTTATGTGCAGATACATCTGCTGCAGTCCATGGAACCAAG
TACGCTGCCATCGATCCGTCAGTGGTCAGTGGGAGGAGCTAGAGGTGCAGAAAGGCCCGCTCGGCCTCA
GCCAGGAAGAGCCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_138584
Insert Size: 927 bp



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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:	<ol style="list-style-type: none">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_138584.2 , NP_613050.1
RefSeq Size:	2690 bp
RefSeq ORF:	927 bp
Locus ID:	27965
UniProt ID:	Q9CQC8
Cytogenetics:	9 35.32 cM
Gene Summary:	May play a role as a negative regulatory factor in CD4-dependent T-cell activation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.