

Product datasheet for **MC217158**

Spag6l (NM_015773) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spag6l (NM_015773) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spag6l
Synonyms:	PF16; Spag6; Spag6l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217158 representing NM_015773
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCCAGCGGCAGGTGCTGCAAGTGTTCGAGCAGTACCAGAAAGCCCGACGCAATTCGTGCAGATGG
 TGGCAGAGCTGGCGACAAGACCCAAAACATCGAAACGCTGCAGAATGCAGGTGTAAATGTCTTTGCTAAG
 GCCGCTTCTTCTGGATGTGGTCCCAACAATTCAACAGACTGCAGCTTTGGCTCTGGGAGACTGGCCAAT
 TACAATGATGACTTAGCAGAAGCAGTCGTGAAAGGTGACATTCTCCACAGCTTGTTTATTCATTGGCAG
 AACAAAATCGTTTTTACAAGAAGGCAGCTGCCTTTGTGTTGAGAGCAGTTGGGAAACTCTCCTCAGCT
 GGCCAGGCCATAGTTGACTGCGGAGCTCTGGATACACTGGTGTCTGCTGGAGGATTTTGACCCTGGG
 GTCAAGGAGGCTGCAGCCTGGGCACTCGGATACATTGCAAGACACAACACAGAATTATCTCAAGCCGTGG
 TGGATGCAGGAGCAATTCCTCTTTAGTCCTTTGTATCCAGGAGCCAGAAATGCTTTGAAAAGGATCGC
 TGCTCGGCCCTCAGTGATATCTCAAAGCACTCCCAGAGTTAGCACAGACGGTGGTGGACGCAGGAGCT
 ATTGCTCACTTAGCCAGATGATCCTCAACCCTGATGCAAAACTGAAGCGCCAGGTCTCTCAGCTCTCA
 GTCAGATTGCAAAGCATTCTGTGGACTTGGCAGAGATGGTTGTTGAAGCAGAGATTTTCCCTGTTGTA
 AACCTGCCTGAAGGACAAAGATGAATATGTGAAGAAAAATGCTTGCACCTTAATCAGAGAGATTGCAAAA
 CACACGCCTGAGCTCTCGCAGCTGATTGTTAATGCAGGAGGCGTGGCTGCCGTGATCGATTGCATTGGGT
 CCTGCAAAGGGAACATACGGCTGCCTGGCATCATGATGCTGGGTTACGTGGCTGCTCATTCTGAGAACCT
 GGCCATGGCGGTGATCATCTCAAGGGTGTACCCAGTTGTCAATCTGCCTGTGAGAAGAACCAGAAGAT
 CATATTAAGGCTGCTGCTGCCTGGGCTTGGGGCAGCTGGGAAGACACACTCCAGAGCATGCCAGGGCTG
 TGGCTGTCACAAACAGCTGCCAGTCTGCTGTCTTTGTACATGTCACCAGAGAGCTCTGAGGACCTACA
 GCTCAAAAGTAAAAAAGCCATAAAGAATATCCTTCAGAAATGCACCTACCTCCCAGCCCTTGAGCCGTTT
 CTGTACGACGCACCTCCCAATATCCTGAAACATGTTGTTGGGCAGTTCAGTAAGGTGCTGCCACATGACA
 GCAAAGCCCGCGGCTTTTCGTGACTAGTGGTGGACTTAAAAAGGTTTCAGGAGATAAAGGCAGAACCAGG
 CTCTCTCTGCAGGAATACATCAACAGCATCAACAATTGTTACCCAGAGGAAATAGTAAGGTATTATTCA
 CCTGGATACTCCGATACACTTCTGCAGAGGGTGGACAGCTACCAACCACTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_015773

Insert Size: 1524 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_015773.2](#), [NP_056588.1](#)

RefSeq Size: 2483 bp

RefSeq ORF: 1524 bp

Locus ID: 50525

UniProt ID: [Q9JLI7](#)

Cytogenetics: 16 A3

Gene Summary: Important for structural integrity of the central apparatus in the sperm tail and for flagellar motility.[UniProtKB/Swiss-Prot Function]