

## Product datasheet for **RN214057**

### Spag6 (NM\_001034960) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spag6 (NM_001034960) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spag6
Synonyms:	RGD1310892
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214057 representing NM\_001034960  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCCAGCGGCAGGTGCTTCAAGTGTTCGAGCAGTACCAGAAAGCCCGACGCAATTCGTGCAGATGG  
 TGGCAGAGCTGGCGACCAGACCCAAAACATAGAAACGCTACAGAATGCAGGTGTAAATGTCTTTGCTAAG  
 GCCGCTTCTTCTGGATGTGGTCCCAACAATTCAACAGACTGCTGCTTTGGCTCTGGGAGACTGGCGAAT  
 TACAATGATGACCTGGCAGAAGCAGTTGTGAAGGGCGACATTCTCCACAGCTTGTTTATTCATTGGCAG  
 AACAAAATCGTTTCTACAAAAGGCAGCTGCCTTTGTGCTGAGAGCAGTTGGTAAACACTCTCCTCAGCT  
 GGCCAGGCCATAGTTGACTGTGGAGCTCTGGATACACTGGTGATATGCTTGGAGGATTTTGACCCTGGA  
 GTCAAGGAGGCTGCAGCCTGGGCACTTGGATATATTGCAAGACACAATACAGAATTATCTCAAGCTGTGG  
 TGGATGCAGGAGCAATTCCTCTTTTGGTCTGTGTATCCAGGAGCCAGAAATTGCTTTGAAAAGGATTGC  
 TGCTCGGCCCTCAGTGATATCTCAAAGCACTCCCAGAGTTAGCGCAGACAGTGGTGGATGCCGGAGCC  
 ATTGCTCACCTAGCCAGATGATCCTCAACCCTGATGCCAACTGAAGCGCCAGGTAATCTCAGCTCTCA  
 GTCAGATTGCAAAAACACTCTGTGGACCTGGCAGAGATGGTCGTTGAAGCAGAAATTTTCCCTGTTGTA  
 AACCTGCCTGAAGGACAAAGATGAATATGTGAAGAAAAATGCTTGCACCTTAATTAGAGAAATTGCAAAA  
 CATACGCCTGAGCTCTCCAGCTGATTGTTAATGCCGGAGGTGTGGCTGCTGTGATTGACTGCATCGGAT  
 CCAGCAAAGGGAACATACGGCTCCCTGGCATCATGATGCTGGGCTATGTGGCTGCTCATTCTGAGAACCT  
 GGCCATGGCGGTGATCATCTCAAGGGTGTACCCAGTTGTCAATCTGCCTGTGAGAGGAACCAGAAGAT  
 CATATTAAGGCTGCTGCTGCCTGGGCCCTGGGGCAGCTGGGAAGACACACTCCAGAGCATGCCAGGGCTG  
 TAGCTGTCACAAAACACTCTGCCAGTTCTCCTGTCTTTGTACATGTCAGCAGAGAGCTCTGAGGACCTGCA  
 GCTGAAGAGTAAAAAAGCCATAAAGAACATCCTTCAAAAATGTACCTACCTACCAGCCCTCGAGCCATTC  
 TTGTACGATGCACCTCCCAATATCCTGAAACATGTTGTTGGGCAGTTCAGTAAGGTGCTGCCACACGACA  
 GCAAAGCCCGACGGCTTTTTGTGACAAGTGGTGGACTTAAAAAGTCCAGGAGATAAAGCAGAGCCAGG  
 CTCTCTCTGCAGGAATACATCAACAGCATCAACAATTGCTACCCAGAAGAAATAGTAAGGTATTATTCC  
 CCTGGATACTCTGAGACACTTCTGCAGAGGGTGGACAGCTACCAGCCACAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001034960
- 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\\_001034960.1](#), [NP\\_001030132.1](#)

**RefSeq Size:** 2417 bp

**RefSeq ORF:** 1524 bp

**Locus ID:** 360747

**Cytogenetics:** 11q23