

Product datasheet for **RG236215**

SPATA19 (NM_001291992) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPATA19 (NM_001291992) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SPATA19
Synonyms: CT132; SPAS1; spergen1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236215 representing NM_001291992.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATAATTACGACATGGATTGTGTATATTCTTGCTCGGAAAGGTGTAGGGCTTCCCTTCTACCAATA
ACCAGTTCGGACATTGACGTTGTGGAAAGTGAGGCTGTGTCTGTACTACATCATTGGTTGAAAAACA
GAAGAAGAGGCTTCTCGGGGCATAAAGGAAAAGCTGTCCATCAACCACCTTCCCAGGGTGAAGGGAG
AAGATGTCCACTGACTCCCCTCCCACCATGGCCAGGACATCCACGTGACCAGAGATGTGGTGAAGCAC
CACCTCTAAGTCTGATTTGTTGGCAAACCAGAGCCAAGAGGTCCTAGAGGAGAGAACACGAATCCAG
TTCATAAGATGGAGCCACTCGTATCTTCCAAGTGCCAAGTGAAGATGACAGAGGACATCATGCGAGAT
CGAATAGAGCAGGTGAGACGAAGCATATCCCGTCTTACAGATGTCTCAGCTCAGGACTTCAGTATGAGA
CCCTCCTCCTCAGACTGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236215
Blue=ORF Red=Cloning site Green=Tag(s)

```
MIITTWIYVILARKGVLPFLPITSSDIDVVESEAVSVLHHWLKKTEEEASRGIKEKLSINHPSQGVRE
KMSTDSPPTHGQDIHVTRDVVKHHLKSDLLANQSQEVLEERTRIQFIRWSHTRIFQVPSEMEDIMRD
RIEQVRRSISRLTDVSAQDFSMRPSSDC
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

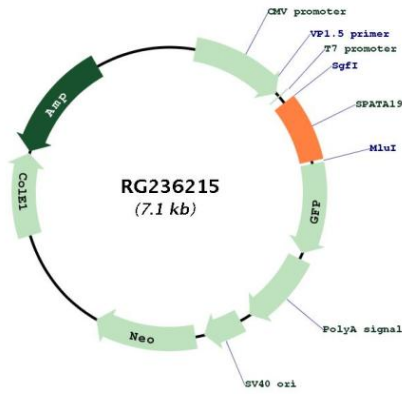
Restriction Sites: SgfI-MluI



Cloning Scheme:


- ACCN:** NM_001291992
- ORF Size:** 501 bp
- OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)
- OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
- 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).
- RefSeq:** [NM_001291992.2](#)
- RefSeq Size:** 793 bp
- RefSeq ORF:** 504 bp
- Locus ID:** 219938
- UniProt ID:** [Q7Z5L4](#)
- Cytogenetics:** 11q25
- MW:** 19.2 kDa
- Gene Summary:** May have a role in spermiogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236215