

Product datasheet for **MR201044**

Spa17 (NM_011449) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spa17 (NM_011449) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Spa17
Synonyms: Sp17
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201044 representing NM_011449
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGATTCTTTCTCCAACACCCACTACCGAATTCACAAGGATTTGGAAATCTTCTGAAGGGCTGA
CACGGGAGATTCTGAGGGAGCAACCGACAATATACCAGCTTTTGCCGCAGCGTATTTTGAGAACCCTTCT
AGAGAAAAGAGAGAAAACCAGCTTTGATCCAGCAGAATGGGGGGCTAAGGTAGAGGACCGCTTCTATAAC
AACCACGCATTCAAGGAACAAGAACAAGTTGAGAAATGTGAACAAGAATTAGCTAAGTCATCTGGAAGAG
AAGAAACACCAGTCACTCCCTTCGAGGAGTCTACTGAGGAAGAAAGAGAACAGGAGGAGGCGCTGCTCT
CAAAATCCAGTCCCTCTCCGGGACACGTGGCTAGAGAAGAGGTAAAGAAGATGAAGTCAGATAAGAAT
GAGAATCTGAAAGAAGAGGCAGACAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/mm9050_e06.zip

Restriction Sites: Sgfl-Mlul



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Cloning Scheme:


ACCN: NM_011449

ORF Size: 447 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).

Reconstitution Method:

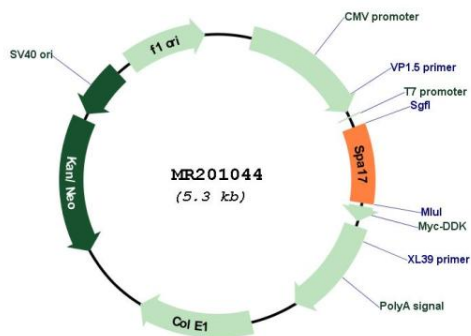
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_011449.2](#), [NP_035579.1](#)

RefSeq Size: 700 bp
 RefSeq ORF: 450 bp
 Locus ID: 20686
 UniProt ID: [Q62252](#)
 Cytogenetics: 9 A4
 MW: 17.7 kDa

Gene Summary: Sperm surface zona pellucida binding protein. Helps to bind spermatozoa to the zona pellucida with high affinity. Might function in binding zona pellucida and carbohydrates (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201044