

Product datasheet for MR220619

Spag11a (NM_153115) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spag11a (NM_153115) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Spag11a
Synonyms: 9230111C08Rik; Bin1b; EP2e; EP2Q; Spag11
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR220619 representing NM_153115
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAGTCTTGTTACTCTTTGCTGTCTTCTTCTGCTTTGTCCAAGGAACTCAGGGGACATCCCACCCG
GAATCAGAAACACCGTGTGCCTCATGCAACAGGGCCACTGCAGGCTTTCATGTGCCGTTCTGGTGAGAG
AAAAGGGGATATCTGCTCCGACCCCTGGAACAGATGCTGCGTCCCTATTCTGTTAAAGACAGAAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR220619 representing NM_153115
 Red=Cloning site Green=Tags(s)

MKVLLLFVFFCFVQNSGDIPPGRINTVCLMQQGHCRLFMCRSGERKGDICSDPWNRCVPYSVKDRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9053_a02.zip

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_153115

ORF Size: 207 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.

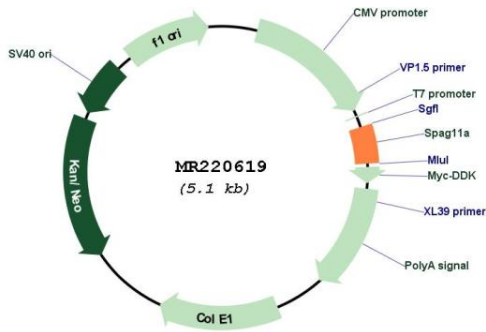
RefSeq: [NM_153115.1](#), [NP_694755.1](#)

RefSeq Size: 435 bp

RefSeq ORF: 210 bp

Locus ID: 78128
 UniProt ID: [Q8K4N2](#)
 Cytogenetics: 8 A1.3
 MW: 8.4 kDa
 Gene Summary: May have antimicrobial activity. May also play a role sperm maturation, storage, and protection.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220619