

Product datasheet for MC203991

Srp14 (NM_009273) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Srp14 (NM_009273) Mouse Untagged Clone
Tag: Tag Free
Symbol: Srp14
Synonyms: 14kDa; AW536328
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC021537
CCACGCGTCCGAACCGCTGGAGGCTTCTGCTGACGGCGTCGGACCTGCGGAGCCCAGGATGGTGTGCTC
GAGAGCGAGCAGTTCCTGACGGAGCTGACCAGGCTCTCCAGAAGTGCCGCTCGTCGGGCAGCGTGTTC
TCACCCTCAAGAAATATGACGGTCGCACCAAACCTATCCCGAGGAAGAGTTCTGTGGAGGGCCTCGAGCC
TGCAAAAAACAAGTGTCTGTTGAGAGCCACGGATGGGAAAAGGAAGATCAGCACCGTGGTGTGACTCCAAA
GAAGTGAACAAGTTTCAGATGGCCTATTCAAATCTACTGAGAGCCAACATGGACGGGCTGAAGAAGAGGG
ACAAGAAGAACAAGAGTAAGAAGAGCAAACCAGCACAGTGACAGGCGTGGCTGCTACCAACCAGTGACAC
AAGTGCATTTTTCTCTGTTTGTGCTTTTCAGCACCTCTGTATGTAAGTGTTCACGGAAGGGTCTTTT
AAGAGAGAAGGACTGGGATGGGCATGGGCTAGTTGTGGTAAGACGCCAGTTTTTGATTTGTGCTGTGTGG
CTGGATATTCTTAGATTCAGCCGTAAGGTTTCTAGTCATCTTTGAGGAGCTATGCATCATTAAATCTCCA
GGCTAGCTGCTTTTTTCTACCCTATTTATGACAGTAACTAACTCTAGATGGTACAGTTACTCAAG
TGATTTTTACCTTGTGATGAGATTACTGTAATAGTTTTATAAAAGTTGTGTTATCCTAAAAAAAAAAAAA AAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009273

Insert Size: 333 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).



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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: [BC021537](#), [AAH21537](#)

RefSeq Size: 775 bp

RefSeq ORF: 333 bp

Locus ID: 20813

UniProt ID: [P16254](#)

Cytogenetics: 2 E5

Gene Summary: Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. SRP9 together with SRP14 and the Alu portion of the SRP RNA, constitutes the elongation arrest domain of SRP. The complex of SRP9 and SRP14 is required for SRP RNA binding.[UniProtKB/Swiss-Prot Function]