

Product datasheet for MC203501

Sra1 (NM_025291) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sra1 (NM_025291) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sra1
Synonyms: AA959952; Sra; Srap; Straa1; Strra1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC048362
 CGGAAGTGGAGATGGCGGAGCTGTACGTGAAGCCCGCAACAAGGAACGGCTGGAACGCCGCCACA
 ATTCTCCTACGGCTCCAGACTCAGACTGGTGGACCCAAACGCACTCCCCTTACTAAGAGGGTCGCGGCC
 CCACAGGATGGATCCCCTAGAGCCCAGAACTTCTGGACCACCTCCAGTGGATCATCCACCTCCTTCAA
 GTAAGGCTTCCAGGCCTCCGCCATGGGGAGCTGTCTGTACTGGTGTGGAGCCCCAAGTTCCCCAGT
 CATTGAGTCTGAACTCTGATAGAAGACGTGTGAGACCTCTGGAACAGGCATTGGAGGACTGCCATGGT
 CACACAAAGAAACAGGTATGTGATGATATCAGCCGACGCTTGGTGTCTCGAGAACAGTGGGCTGGAG
 GGAAGTTGTCAATACCTGTAAAGAAGAGGATGGCACTGCTAGTGAAGAAGACTTTTACATCACCAGTGGGA
 TGCAGCAGATGACATTCACCGATCACTCATGGTTGACTATGTGACTGAGGTCAGTCAGTGGATGGTGGGA
 GTAAAAAGATTAATTGCAGAAAAGAGGAGTCTATCTTCAGAGGAGACCAAGAAGAGAAATTTACAGTGG
 AACCTGAGAACCAGACAATACCAGGCTTCCAACAGCCATCATAATGCCTGTGGCTCCCCAGACTCACTTC
 ACCTGACTTCCTATGCCTTAGTGTGGAAGGCTTCTTCTTCTTTTACCACCAGGAGACTATTGGTCTT
 GTGGGTCTTGACCAAAGATCCTATCTAGACCACTGCAAGATCACTTGTATGTACATTTCAATAAACATC
 TCAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025291

Insert Size: 663 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: [BC048362](#), [AAH48362](#)

RefSeq Size: 884 bp

RefSeq ORF: 663 bp

Locus ID: 24068

UniProt ID: [Q80VJ2](#)

Cytogenetics: 18 B2

Gene Summary: Functional RNA which acts as a transcriptional coactivator that selectively enhances steroid receptor-mediated transactivation ligand-independently through a mechanism involving the modulating N-terminal domain (AF-1) of steroid receptors. Also mediates transcriptional coactivation of steroid receptors ligand-dependently through the steroid-binding domain (AF-2). Enhances cellular proliferation and differentiation and promotes apoptosis in vivo. May play a role in tumorigenesis (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (a). CCDS Note: The coding region has been updated to extend the N-terminus to one that is also supported by available conservation data. The use of an alternative upstream start codon would result in a protein that is 12 aa longer.