

Product datasheet for **RR209473**

Sra1 (NM_183329) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sra1 (NM_183329) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sra1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR209473 representing NM_183329
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGTGCTGCCCTGCTGGCGGTGCGGAAGTGGAGATGGCGGAGCTGTACGTGAAGCCCGGCAACAAGG
 AACGCGGCTGGAACGACCCGCCACAATTCTCTACGGGCTGCAGACTCAGACTGGTGAACCAACGCAC
 TCCCTTACTAAGAGGGTTGCGGCCACAGGATGGATCCCTAGAGCCCAAGAACTTCTGGACCACCT
 CCAGTGGATCATCCACCTCCTTCAAGTAAGGCTTCCAGGCCTCCACCATGGGGAGCTGTCTGCTTCTG
 GTGTGGACCCCAAGTTCTCCAGTCATTGAGTCTGAGACTCTAATAGAAGACGTGCTAAGACCTCTGGA
 ACAGGCATTGGAGATTGCCGTGGTCACACGAAGAAGCAGGTATGTGATGATATCAGCCGACGCTTGGA
 CTGCTTCACGAACAGTGGGATGGAGGAAGTTGTCACTACCTGTAAGAAGAGGATGGCACTGCTGGTAC
 AAGAACTTTTACACCACAGTGGGATACAGCAGATGACATTCATCGATCACTCATGGTTGACCATGTGAC
 TGAGGTCACTCAGTGGTGGGAGTTAAAGATTAATTGCAGAAAAGAGGAGTCTATCTTCAGAGGAG
 AACAAAGAAGAGACATCTACAGTGGCACCTGAGAACCAGACAATACCAGGCTTCAACCATCTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209473 representing NM_183329
 Red=Cloning site Green=Tags(s)

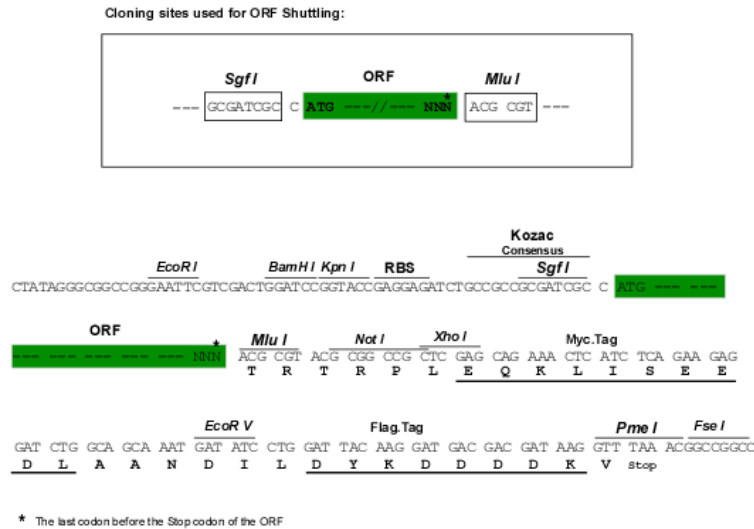
MTCCPAGGAEEVMAELVYKPGNKERGWNDPPQFSYGLQTQTGGTKRTPLTKRVAAPQDGSPPAPETSGPP
 PVDHPPSSKASRPPPMGSCPASGVDPPSSPVIESETLIEDVLRPLEQALEDRCRHTKKQVCDDISRRLA
 LLHEQWDGGKLSVPVKRMALLVQELLHHQWDTADDIHRSLMVDHVTEVSQWMVGKRLIAEKRLSSEE
 NKEETSTVAPENQTIPGFQPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_183329

ORF Size: 696 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_183329.3](#), [NP_899158.3](#)

RefSeq Size: 945 bp

RefSeq ORF: 699 bp

Locus ID: 252891

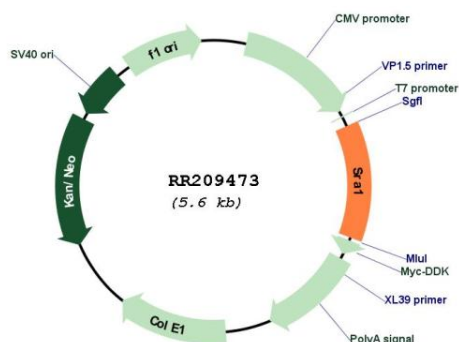
UniProt ID: [Q6QGW5](#)

Cytogenetics: 18p11

MW: 25.4 kDa

Gene Summary: binds androgen receptor; increases transactivation activity of the androgen receptor, glucocorticoid receptor, and the peroxisome proliferator-activated receptor gamma; may play a role in prostate cancer [RGD, Feb 2006]

Product images:



Circular map for RR209473