

Product datasheet for MC211909

Srd5a1 (NM_175283) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Srd5a1 (NM_175283) Mouse Untagged Clone
Tag: Tag Free
Symbol: Srd5a1
Synonyms: 0610031P22Rik; 4930435F02Rik; S5AR 1; Srd5a-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211909 representing NM_175283
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTGGATGAGTTGCGCCTACTGGATGCGCTAGTCTACCTGGAGGGTTTCCTGGCTTCGTGGCCT
 TCGTGGGGCTCCAGATGGTGGGCTCTTCTACGGCCGCTACTCCTCGCAGTGGTCCGGCCCGGAGTGCC
 CGCGCGACCTGCCTGGTTCCTACAGGAGCTGCCTCAATGGCCTGGCCGCTGTACGAGTGCATCCGTCCT
 GCAGCCGCCGACTGGGCAACCTGCCTAACCGCGTCCTGCTAGCTATGTTTCTGATCCACTACGTGCAAA
 GGACGCTGGTTTTCCAGTTCTGATCAGGGGAGGGAAGCCACCCTGCTGTTACCTTTGTCTTGGCCTT
 CCTGTTCTGCACCTAAATGGCTACTTGCAGAGCCGATACTTGAGCCAGTTTGGGTGTATGCTGAAGAC
 TGGGTAACCCATCCCTGTTTCTGACAGGCTTGGCCCTGTGGTTAGTGGGCATGGTGATAAATATCCACT
 CAGACCACATCCTGCGGAATCTGAGAAAACCGGGGAACTGGATACAAAATACCCAGGGGAGGCCTGTT
 TGAATATGTATCTTCAGCCAATATTTGGGGAGCTCGTGGAGTGGTGTGGCTTTGCACTGGCCAGCTGG
 TCCCTCCAGGGCGTGGTGTGCTCTGTTACCCTGTGTGCACTGTTACCAGAGCGAGGCAGCATCATC
 AGTGGTACCTCGAGAAGTTGAAGATTACCCAAAACAAGAAAACTAATTCCATTCTGCTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_175283
Insert Size: 768 bp



[View online »](#)

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).
Reconstitution Method:	<ol style="list-style-type: none">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_175283.3 , NP_780492.2
RefSeq Size:	2681 bp
RefSeq ORF:	768 bp
Locus ID:	78925
UniProt ID:	Q68FF9
Cytogenetics:	13 35.55 cM
Gene Summary:	Converts testosterone into 5-alpha-dihydrotestosterone and progesterone or corticosterone into their corresponding 5-alpha-3-oxosteroids. It plays a central role in sexual differentiation and androgen physiology (By similarity).[UniProtKB/Swiss-Prot Function]