

Product datasheet for RN208105

Srd5a2 (NM_022711) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Srd5a2 (NM_022711) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Srd5a2
 Synonyms: S5AR 2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN208105 representing NM_022711
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGATTGTCTGCCATCAGGTCCCGGTGCTGGCAGGTAGCGCCACATTGGCCACTATGGGGACCCCTGA
 TCCTGTGCTTAGGAAACCCGCCAGTTACGGGAAACACACAGAGAGTGTGTCGTCGGGAGTCCCTTCCT
 GCCGGCACGCATCGCCTGGTTCCTGCAGGAGTTGCCTTCCTTTGTGGTGTGGTAGGGATGCTCGCTTGG
 CAGCCCGCTCCCTCTTCGGACCGCCGGGAATGTCCTGCTGGCTCTTCTCTGCACATTACTTCCACA
 GGACATTTATTTACTCGTTGCTCACAAGAGGGAGGCCCTTCCAGCGGTGCTGTTTTGAGAGCCACTGC
 CTTCTGCATAGGGAACGGACTCCTTCAAGCCTACTACCTGGTTTACTGCGCAGAATACCCGAGGAGTGG
 TACACAGATGTGCGGTTTAGCTTTGGTGTCTTCTGTTTATTCTGGGGATGGGAATCAACATCCACAGTG
 ACTACACCCTGCGCCAGCTCAGGAAGCCTGGAGAAGTCATCTATAGGATTCCTCGAGGTGGCTTGTTTAC
 GTATGTCTCTGGAGCCAATTTCTGGGCGAGATTATTGAATGGATTGGCTACGCCTTGGCCACGTGGTCC
 GTCCCAGCCTTCGCTTTCGCCTTTTTCACACTTGTTCCTGGGGATGCAAGCCTTTTACCACCACAGGT
 TCTACCTTAAGATGTTTAAGGATTACCCCAAATCTAGGAAAGCTCTCATTCCATTCATCTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_022711
 Insert Size: 765 bp



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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_022711.4 , NP_073202.1
RefSeq Size:	1798 bp
RefSeq ORF:	765 bp
Locus ID:	64677
UniProt ID:	P31214
Cytogenetics:	6q14
Gene Summary:	enzyme which converts testosterone to dihydrotestosterone (DHT); also acts on progesterone and corticosterone; plays a central role in sexual differentiation and androgen physiology [RGD, Feb 2006]