

Product datasheet for RC213025

SRD5A2 (NM_000348) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRD5A2 (NM_000348) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SRD5A2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC213025 representing NM_000348 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGGTTCACTGCCAGCAGAGCCCAGTGCTGGCAGGCAGGCCACTTTGGTCGCCCTTGGGGCACTGG
CCTTGTACGTCGCGAAGCCCTCCGGCTACGGGAAGCACACGGAGAGCCTGAAGCCGGCGGCTACCCGCCT
GCCAGCCCGCGCCGCTGGTTCTGCAGGAGCTGCCTTCCTTCGCGGTGCCCGCGGGGATCCTCGCCCGG
CAGCCCCCTCCCTCTTCGGGCCACCTGGGACGGTACTTCTGGGCCTCTCTGCCTACATTACTTCCACA
GGACATTTGTACTCACTGCTCAATCGAGGGAGGCCTTATCCAGCTATACTCATTCTCAGAGGCAGCTGC
CTTCTGCACTGGAAATGGAGTCCTTCAAGGCTACTATCTGATTTACTGTGCTGAATACCCTGATGGGTGG
TACACAGACATACGGTTTAGCTTGGGTGCTTCTTATTTATTTGGGAATGGGAATAAACATTCATAGTG
ACTATATATTGCGCCAGCTCAGGAAGCCTGGAGAAATCAGCTACAGGATCCACAAGGTGGCTTGTTTAC
GTATGTTTCTGGAGCCAATTTCTCGGTGAGATCATTGAATGGATCGGCTATGCCCTGGCCACTTGGTCC
CTCCAGCACTTGCATTTGCATTTTCTCACTTTGTTTCTTGGGCTGCGAGCTTTTACCACCATAGGT
TCTACCTCAAGATGTTTGAGGACTACCCCAAATCTCGGAAAGCCCTTATCCATTCATCTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_000348.4](#)

RefSeq Size: 2464 bp

RefSeq ORF: 765 bp

Locus ID: 6716

UniProt ID: [P31213](#)

Cytogenetics: 2p23.1

Domains: Steroid_dh

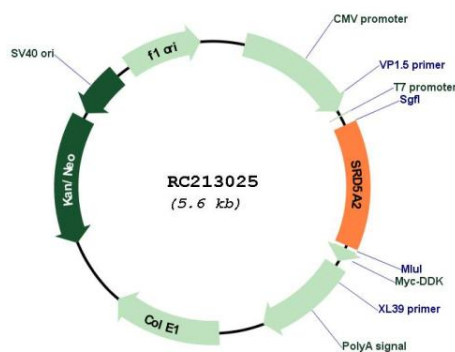
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Androgen and estrogen metabolism, Prostate cancer

MW: 28.2 kDa

Gene Summary: This gene encodes a microsomal protein expressed at high levels in androgen-sensitive tissues such as the prostate. The encoded protein is active at acidic pH and is sensitive to the 4-azasteroid inhibitor finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH). [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC213025