

Product datasheet for **SC215583**

SRD5A3 (NM_024592) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SRD5A3 (NM_024592) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SRD5A3
Synonyms:	CDG1P; CDG1Q; KRIZI; SRD5A2L; SRD5A2L1
ACCN:	NM_024592
Insert Size:	2000 bp



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Insert Sequence: >SC215583 3'UTR clone of NM_024592
 The sequence shown below is from the reference sequence of NM_024592. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAAAGCTTTCTACCATTTTTGTTTTAAGTTAACCTCAGTCATGAAGAATGCAAACCAGGTGATGGT
TTCAATGCCTAAGGACAGTGAAGTCTGGAGCCCAAAGTACAGTTTCAGCAAAGCTGTTTGAAACTCTCC
ATTCCATTTCTATACCCACAAGTTTTCTACTGAATGAGCATGGCAGTGCCACTCAAGAAAATGAATCTC
CAAAGTATCTTCAAAGAATAAATACTAATGGCAGATCTGCGATTCTGGGTCCACTTTCTGAGATGCTT
TCTAAAACCAACCAACTGATAAAAAGTAGATGAGACTTCTCCAAGCTGCTTCACAAGCAAATAACCGA
AAAACCGAAAATATACAAACAGCTTCACACACACACACACACACACACACACACACACACACACAAA
GGAAGATCATCAATGGCTGCGGTAGCCTAGTAGGAATGGACTATAATAATATAGCAGGTGCTCAATA
ACTGTTTGTTCATTTTCAGTAAAAGCAGAATAACCTTTCAAATAATAACAGGCTGGGTGCAATGGCTC
ACACCTGTTAATCCCAGCACTTCGGGAGGCCAAGGTGGGCAAGTTCGCTTGGGCCAAGAGTTCGAGACC
AGCCTGGGCAACATGGTGAACCCCTATCTCCGTGAAAAAATATGAAAATTAGCCAAGAGTGGTGGCACA
TGCTGTAGTCCCAGATACTTGGGAGTGGGCTGAGATGGGAGAATCGCTTGGGCCAGGAGGTCAAGGG
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AATAATAATAATATAATTTTACACCAAAAGTTTCAGGAAAAACGAGTTTGTGGAGTTAGTTTATA
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CAAATCATAGCCTAACAGAACACTTTGAAAGCTCTTTATTTAATATTTTTTACATCCTTTGAAGGGA
GTGCTTCAAATAAGAAAGCATCAGAAGATAAAATATTTTTATTTATGCATAGCAAGCCTTCGTGAAC
GGAAGTGACACACTCTGGATTGAATAACTGTAGCCTCATTATGTAGTTATTCAAATTGGATTAA
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TTCTCTGGCTTATTGGCTGAGGTGTTAAGTTTATTCCTTTTATGAAGATGTCCTATTACAGTCAGCTAA
GCACTAAAGCTTTGCATTTATATGTACTTTGCTATGGGGAAAGAACCTTATGATTAATAAGACACATA
TCAAATGCATAGTCAATCATTCCCACCCCATCCCTGGAGCTGAACCCAAAACCTGTTAAACTAAGATT
CCTTTGTTTTTTTTGTTTTTTGAGATGGAGTCTCACTCTGTCGCCCAGACTGGAGTGCAGTGGTGGGA
TCTGGCTCACTGCAACCTCCGCCTTCTGGGTTCCAGCGATTCTCCTCTGCCTCAGCCTCCAAGTAGC
TGGGATTACAGGCACATGCCACCATGCCAGGTAATTGTTGTATTTTTAGTAGAGATAGAGTTTACCA
TGTTGGCCAGGCTGGTCTCAAACCTGACCTCAGGTGATCCACCTGCTTCGGCCTCCCAAAGTGGTGG
GATTACAGGTGTAAGTCACTGCTCCCGGATGCATGTCAAGCACATTGGAAAGTTCCTACAACAATTCTG
ATGGAGGATTTTCTCTCCCATCAACCAACACCACTTAAGATTAACCTGTGGCTCAGTCTACTTAAAT
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_024592.5](#)

Summary: The protein encoded by this gene belongs to the steroid 5-alpha reductase family, and polyprenol reductase subfamily. It is involved in the production of androgen 5-alpha-dihydrotestosterone (DHT) from testosterone, and maintenance of the androgen-androgen receptor activation pathway. This protein is also necessary for the conversion of polyprenol into dolichol, which is required for the synthesis of dolichol-linked monosaccharides and the oligosaccharide precursor used for N-linked glycosylation of proteins. Mutations in this gene are associated with congenital disorder of glycosylation type Iq. [provided by RefSeq, Mar 2011]

Locus ID: 79644

MW: 76