

Product datasheet for SC317521

SRRD (NM_001013694) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRRD (NM_001013694) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRRD
Synonyms:	HC/HCC; SRR1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317521 representing NM_001013694. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCGGCCGCGAGCTGCGGCGCTGGAATCCTGGCAGGCGGCGGCTCCGCGGAAGAGGCGCTCCGCG
GCTCGACGGCCGCGGGAGGGAGGCGGCGCCCGGGGGAGAGAGGCGGCGCCCGGGGGAGAGAGGCG
GCGCCCGGGGCCCGAGGCGGAGTTCGAGTCTGACAGCGGAGTCTGTGCTTCGTGCGCATCTGGGAGGCT
GAGAAGGACCTGTTTATCTCTGATTTCTGGAGTTCAGCACTAGAAACCATCAATAGATGTCTCACAAAA
CATCTGGAACAACCTGAAGGCCCTGTGGGACTCTTTCAGACATCTTTGAAACCTGCATCTTGACTCA
TTGCCAGAGGAGTCAGATGTGGCCACTGATTCTATCCCAAGAGAGATCTTGGTCACAGGAACCTGCCAT
TTGAAGTGTGTGTGTACGGCATTGGGAACTTTGCCACCTGCATCGTAGCTAGAAACCAGCTAACGTTT
TTGCTGCTTTTGTGGAAAAGTGCCAGATTCCCAGAAAGTCACTGTTGGGTATATGACCCTCTGTTTAGC
CAACTTGAATTTGAAGTCTTAACACCCTTGGTGTGACTGTTCTCAGTGAGAACGAGGAAGGAAACGG
AGTATTCGCGGGGAGCCTACCATCTTTTACATGCTCCATTGTGGGACGGCCTTGTACAACAATCTTTTA
TGGAGTAACTGGTCAGTAGATGCCCTTCTAAGATGGTCATCATTGGGAACAGTTTCAAAGGACTTGAG
GAGAGGTTGTTGGCAAGGATTCTGCAGAAAAATATCCCTACATTGCAAAGATTTTAAAAGGACTGGAG
GAGCTTGAGTTTCTCAGACTTCACAATACATGGACATATTTAATGATACCTCTGTCCACTGGTTCCCT
GTGCAAAAGCTAGAACAGCTCTCCATAGATATTTGGGAGTTTCGGGAAGAACCAGATTATCAGGACTGT
GAGGACCTTGAAATCATCAGGAACAAGAGAGAAGATCCTTCTGCTACTGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001013694
Insert Size:	1020 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001013694.2</u>
RefSeq Size:	1310 bp
RefSeq ORF:	1020 bp
Locus ID:	402055
UniProt ID:	<u>Q9UH36</u>
Cytogenetics:	22q12.1
MW:	38.6 kDa
Gene Summary:	Plays a role in the regulation of heme biosynthesis and in the regulation of the expression of core clock genes.[UniProtKB/Swiss-Prot Function]