

Product datasheet for SC317056

DHRS7C (NM_001105571) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHRS7C (NM_001105571) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHRS7C
Synonyms:	SDR32C2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317056 representing NM_001105571. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGAGTCATGGCCATGCTGATGCTCCCCCTGCTGCTGGGAATCAGCGGCCTCCTCTTCATTTAC
CAAGAGGTGTCCAGGCTGTGGTCAAAGTCAGCTGTGCAGAACAAAGTGGTGGTGATCACCAGTCCCATC
TCAGGACTGGGCAAGGAGTGTGCTCGGGTGTCCACACAGGTGGGCAAGGCTGGTGCTGTGTGGAAAG
AACTGGGAGAGGCTAGAGAACCTATATGATGCCTTGATCAGCGTGGCTGACCCAGCAAGACATTCACC
CCAAAGCTGGTCCTGTTGGACCTCTCAGACATCAGCTGTGTCCCAGATGTGGCAAAGAAGTCCTGGAT
TGCTATGGCTGTGTGGACATCCTCATCAACAATGCCAGTGTGAAGGTGAAGGGCCCTGCCATAAGATT
TCTCTGGAGCTCGACAAAAGATCATGGATGCCAATTACTTTGGCCCCATCACATTGACGAAAGCCCTG
CTTCCCAACATGATCTCCCGGAGAACAGGCCAAATCGTGTTAGTGAATAATATCCAAGGGAAGTTTGGGA
ATCCCCTTCCGTACGACTTACGCTGCCTCCAAGCACGCAGCCCTGGGCTTCTTTGACTGCCTCCGAGCC
GAAGTGGAGGAATACGATGTTGTCATCAGCACCCTGAGCCGACTTTCATCCGGTCGTACCACGTGTAT
CCAGAGCAAGGAACTGGGAAGCTTCCATTTGAAATCTTTTTCAGGAAGCTGACCTACGGCGTGCAC
CCAGTAGAGGTGGCGGAGGAGGTGATGCGCACCGTGGGAGGAAGAAGCAAGAGGTGTTTATGGCCAAC
CCCATCCCAAGGCCCGCTGTACGTCCGACCTTCTTCCCGAGTCTTTTTCGCGGTGGTGGCCTGT
GGGTGAAGGAGAAGCTCAATGTCCCAGGAGGGGTA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_001105571



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Insert Size:	936 bp
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_001105571.2</u>
RefSeq Size:	1011 bp
RefSeq ORF:	936 bp
Locus ID:	201140
UniProt ID:	<u>A6NNS2</u>
Cytogenetics:	17p13.1
Protein Families:	Druggable Genome, Transmembrane
MW:	34.7 kDa
Gene Summary:	<p>Putative oxidoreductase.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by orthologous data.</p>