

Product datasheet for **SC324626**

DSCC1 (NM_024094) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DSCC1 (NM_024094) Human Untagged Clone
Tag:	Tag Free
Symbol:	DSCC1
Synonyms:	DCC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024094.1
 GGCGCGCTTTCAAACGCTCAGGTTTCTACCTCCGGCTGCTTGGGAACCTCTTTCTTGC
 CCGCCAAGCCCGCAGCCACCCGGGCGCGGGGACTCCTAGACCCGGCGCTGCGATGAAG
 AGGACCCGCGACGAGGTGGATGCGACGCTGCAGATCGCCAAGCTGAATGCGGCCGAGCTG
 CTGCCGGCGGTGCACTGCCTGGGCTTCGGCCCTGGGGCCAGCGGCGCTGCAGCCGGCGAC
 TTCTGCCTGCTGGAGCTGGAGCCACGCTGTGCCAGCAGCTGGAGGATGGACACAGTCTT
 GTGATTCGTGGTGATAAAGACGAGCAAGCTGTGCTGTGCAGTAAAGACAAAACATACGAC
 TTGAAGATAGCAGACACTTCCAATATGTTGCTTTTCATTCTGGTTGTAAAACTCCGGAC
 CAGTTGAAGAAGGAAGATTACACTGTAACATTATTCACACTGAGATCTTTGGTTTTTCT
 AATAATTATTGGGAATTAAGAAGACGTAGACCAAGTTAAAGAAGCTAAAGAACTTTTG
 ATGGAAAATCCATATGAAGGACCTGACAGTCAAAAAGAGAAGGATTCAAATAGCTCAAAA
 TATACACTGAAGATTTGCTTGATCAAATTCAGGCAAGTGAGGAAGAAATATGACCCAA
 TTACAAGTTCTAAATGCCTGTAAGATTGGAGGTTATTGGAGGATTCTGAATTTGATTAT
 GAGATGAAACTTCTGAATCATGTAACCTCAGCTTGTGGATTCTGAATCATGGTCTTTTGGT
 AAAGTTCTTTTGAACACATGCCTTCAGGAACTCGGACCATTGGAGCCAGAGGAAATGATA
 GAACACTGTCTTAAATGTTATGGGAAGAAATATGTAGATGAAGGCGAAGTTATTTTGAG
 TTGGATGCTGATAAAATATGTAGAGCAGCAGCAGCAATGCTACTTCAGAATGCGGTGAAA
 TTCAATCTCGCTGAGTTTCAAGAAGTGTGGCAGCAGAGTTCCTGAAGGAATGGTAACT
 AGTCTTGATCAGCTTAAGGGTTTAGCGCTGGTGGATAGACACTCGAGACCAGAAATCATA
 TTTTGTCTGAAAGTAGATGATTTACCTGAGGATAATCAGGAACGTTTTAATAGCCTTTTC
 TCTCTAAGGGAGAAGTGGACAGAAGAAGATATTGCTCCATATATTCAAGATTTGTGTGA
 GAGAAGCAAACCATAGGTGCATTACTACTAAATATTCTCGTTCTTCGATGCAAAATGGT
 GTTAAAGTTTATAATTCGAGAAGACCCATTTCTTAAAGAACAACAGTCTTTTCTTCAGG
 ACTCAAGTTGCTTTATAAAGTTGCTGGATACAAGAAAAATAACTTGACTTTTATTCTG
 ACTTTTAGAAACCTAGTCTTCTAAGGCATTTTCTCCTCATCTTAAGCATTTTGAAACTA
 CTGTTATTTCTTAAATGTTATAGGATGTAGCTTTAAATATATTTGTACTATGTACACA
 GTGTAAACAAGGACAAAAGAATTCTTCTATATTATGTCTGAGGTCTCTATGATTTATT
 TAAAGTTTGGCTTTTATATTTAAATGTCATTTCTTACTTAGGATTTGATGTTCTAAT
 CATTAATACACTTAAGTTTTCCAGAGAACTAAATAGTAATAGTTTCATAGAAGAGAACTA
 TTTATTCACTTAAATATCATTTCTCAAGTGAGTGAGTTCCTCTACTTTTAGCCTTCCA
 CCCAACTGGAAGCCTCTAGGTGCTATCAATTATTTATATCCATCGTTTACATCCATGAA
 ATTTGGCTGAATAATTACTCCTCTGCCTGGCGTAGACATGTGCTTTGGGAAAAAACGAGT
 TTATAATCCTATAATGAAGAATACTGGCACAGGCAATGCTCACTCGAAAACTTCAAGTAA
 TTTCTAGTTGGTTTTGGAATGCTTGATAAAGTTCCTTTACAGCTTTATTTTCTGATTTG
 TTTTGGTTTAGATCAAAGTTCAAATTAATTTAACTTAGCTAATGAACCTCATCACCAGGA
 CAGTTGGAGGGGTAGGCCGAGGTTAAATGGTCCACGTTTCAAAAATGTTAATGGCTAAT
 CCATAATTAAGAAGGTTAACTGTTACTGAAGTTTACAAGTTTATTGTCATGAACATG
 AAATACAAACACGATGGCTTCGAAATGTCTTCAATAAATGTTTCTGCATTTAAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024094

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:	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_024094.1, NP_076999.1</u>
RefSeq Size:	2232 bp
RefSeq ORF:	1182 bp
Locus ID:	79075
UniProt ID:	<u>Q9BVC3</u>
Cytogenetics:	8q24.12
Gene Summary:	CHTF18 (MIM 613201), CHTF8 (MIM 613202), and DSCC1 are components of an alternative replication factor C (RFC) (see MIM 600404) complex that loads PCNA (MIM 176740) onto DNA during S phase of the cell cycle (Merkle et al., 2003 [PubMed 12766176]; Bermudez et al., 2003 [PubMed 12930902]).[supplied by OMIM, Dec 2009]