

Product datasheet for **SC201648**

DCPS (NM_014026) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DCPS (NM_014026) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DCPS
Synonyms:	ARS; DCS1; HINT-5; HINT5; HSL1; HSPC015
ACCN:	NM_014026
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC201648 3'UTR clone of NM_014026
 The sequence shown below is from the reference sequence of NM_014026. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGCTCTTGCAGGAGGCTCAGCAAAGCTGAATTAAGTCAAGGACAGAGCAGATGTGTGGGATTGGG
GGAGGAGTGGGGACAAGATTTTTTATCTCCAAGTGAATTTTCTAAAAATGTATTTTATACCGGCTTATT
CCTAGTATTGAATAAACTAGCGGGCTCACTCAGTGTGGACAGCGTGGCCTGGGAGGCAGACAGATGGTG
GGGACAGTGGTGGTGAACCTGTGGGAAGGCCTTGAGAAATGGTGGAAAGTCTCCAGGTGGTGGTTT
CAACTGACAGGTGGGAGCTGCCCTGGAAGGGTCCGAGGGCCTTCTCAAGCCCCAGGGCTCACCGTCC
GTGGTGGCTTCTTCTCCCACTCTGTGCCTCTCTGTTGTACAACCTCTTATTCTGCTCTCCCAT
CACCCCTCTCTTCCCTGCCATCCACCTCTCTTTGAGGAGTCCCCAAAAACAAACTTGAAGC
TTTCAGGAAATTATCTATACAGGTTTCTGATGGCACTTCTCCTCCAGCAGTGAAGTACACCTCCCT
GTGAGTCAGTCAACCCTGCTGATAAACTTCTTGTGACGAGGATAGGGGCTTGGTGCCTGGAAATCGGC
GGTTTTAATAAGAATCAGATTATGCAAGGCCGAAAAGCCTGCCTTGCTCTGTTATTTGGTCAGCGAGT
CCCCAGCCTTGAGTTTTATCTCGGCAGGAAGACAAAACAGACTCACATGAAGCAGCCAGAAGATCAAG
TGCAAAACAGTGAATCAGCAAGGCCAAATGATATGGTTGACAGTGAATACAAAAGCCCGAGGCGGCTC
GGGTTCAAGGCCTATCAGAGGCAGATGTTGAGAGGATCTTGAACAGGAAAGGACCTCAAAGCGTCAG
AGGCTGATGAGCAGTTAGGCAGCCAACAGGGCTCAAGCGGCGCAGGGACATGGCTGTATGGGCGGGCA
CACAAGTAAACACACAGGCTCTCTCCAGCACACAGGACCAAGGCATCATGCTGCCAGAGGGGCTGGTGT
TTGCCACTTTGTGAGTGGGCTGGATTTTGTGCTTGGTGGAAAGCTCTCAGGGATGGCAGGAT
GGCAGGCTCCTAAGTGACAGCAGGGGGGAAGCTTGAGGCACAGTGGGTGGTCTTACTCTCCATCCCT
GCCTGAGAACCAGGAAGCCTCATTGAGAGATTAGCCCTTTACTGCAGGTGGTAGCCAGGTGCAGCCA
ACCTGCTCAGGGTCTCAGGGCCTGCTGTGGACCCCATGGTCTGGGAGAGACTCCTTAGAAAACAGCA
GAATCACGAACATGGTGAACCCATCTCTACTAAAAACAGAAAAATTAGCCAGGTGTGGTGGTGGGCT
CCTATAATCCCACCTACTTGGGAGGCTGAAGCAGGAGAATCCCTTGAACCCGGGAGGCGGAGTTGCCG
TGAGCCACCGCACTTTGGCCTGGGTGACAGAGCAAGACTCCCTCTCAGAAAAAAATTAATAAATAG
AAACAGCCGGGAGTGGAGGGTGTGGTCAAGAAAGCCTCAGGGACCTGCTCAGCCTCAGGGAGTTCAG
ATGAGGCACAATGAAGCCACTGGCCTCCACTCAGCCATTTCTCCCTGCAGCTCTTTTTTTTTTTTTTT
TTTTGAGACAATCTCGCTCCATACCCAGGCTGGAGTGCAGTGGCACAATCTCGACTCACTGCAACCTC
TGCTCTGGGTTCAAGTGAATCTCTGCTCAGCCTCCTGAGTAGCTGGGACTACAGGGGTGCGCCCC
CATGCCAGCTAATTTTTGTATTTTAGTAGAGACGGGTTTACCATGTTGGCCAGGCTGGTCTCCAA
CTCCTGGCCTCAGGTGATCCACCATCTCGGCCTCCCAAAGTGTGGGATTCAGGCGTGAAGCCACCGC
GCCAGCCCTGCAATACGTCAACAGTCCCTAGATTGAGGCAACATGGAGTTGCAGCCAAGGAACCTT
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
```

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_014026.6](#)

Summary:

This gene encodes a member of the histidine triad family of pyrophosphatases that removes short mRNA fragments containing the 5' cap structure, which appear in the 3' mRNA decay pathway, following deadenylation and exosome-mediated turnover. This enzyme hydrolyzes the triphosphate linkage of the cap structure (7-methylguanosine nucleoside triphosphate) to yield 7-methylguanosine monophosphate and nucleoside diphosphate. It protects the cell from the potentially toxic accumulation of these short, capped mRNA fragments, and regulates the activity of other cap-binding proteins, which are inhibited by their accumulation. It also acts as a transcript-specific modulator of pre-mRNA splicing and microRNA turnover. [provided by RefSeq, Apr 2017]

Locus ID:

28960

MW:

72.4