

Product datasheet for **SC126398**

DCP1B (NM_152640) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCP1B (NM_152640) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCP1B
Synonyms:	DCP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_152640 edited
GGCTTCCAAGAGCCCCGTGCCTATGTCTGGGAGGGAGGGAAGATGGCAGCCGTGGCGGCA
GGCGGCCCTGGTGGGAAAGGGGCGCGACATCAGCCTAGCGGCCCTGCAGCGCCACGACCCC
TATATCAACCGCATCGTGGACGTGGCCAGCCAGGTGGCTCTGTACACCTTCGGCCATCGG
GCCAACGAGTGGGAGAAAAGTGTGGAAGGAACCTTATTTGTTTATACAAGGTCTGCT
TCTCCAAGCATGGATTACCATTATGAATAGGCTGAGCATGGAAAATAGGACAGAACCT
ATTACTAAAGACTTGGATTTCCAATCCAGGACCCTTTCTTCTCTACAGAAATGCCAGA
TTGTCCATCTATGGAATTTGGTTTTATGATAAGGAAGAATGCCAAAGAATTGCAGAGCTT
ATGAAAAACCTAACTCAGTATGAACAGTTGAAAGCCCATCAGGGAAGTGGAGCAGGAATT
TCACCAGTGATCCTCAATTCCAGGAGAGGGCAAAGAAGTAGACATTTTACGAATGCTCATC
AAGGCCAAAGACGAATACACAAAGTGTAAAACCTGTTCTGAGCCAAAAAGATAACCAGT
TCCTCTGCCATCTATGACAATCCAAATCTCATCAAACCAATTCCAGTGAAACCCAGTGAA
AACCAGCAACAGCGTATACCTCAGCCCAACCAGACCTTAGACCCTGAACCCCAACTTA
TCCTTGACAGCTCTGTTGGGAAGCAGGACAAAGCTACATGTGAGAAACTGTGGAGCCT
CCGCAGACTCTCCACCAGCAGCAGCAGCAGCAGCAGCAGCAAGAGAAGCTTCCA
ATTAGGCAGGGGGTGTACGCTCCCTGTCTATGAGGAACCCAGAAGACTCACCACCC
ATTGAGAAGCAGCTCTGTCCAGCCATTCAGAACTCATGGTCAGGAGCGCAGACCTCCAC
CCATTGTGAGAGCTGCCTGAAAACCGGCCTTGTGAAAATGGCAGTACCCATTCTGCGGGA
GAATTTTTTACAGGACCTGTCCAGCCAGGGTCTCCTCACAACTTGAACCTTCTCGTGGT
GTACAAAATGCTTCCAGAACTCAGAACCTGTTCCGAGAACTTCAGAGTACCCAGGGGCA
GCAAACAAGTGTGACCCTAGTACACCAGCACCTGCCAGCTCAGCTGCCCTGAACCCGAGC
AGAGCTCCCACTTCTGTACCCCTGTGGCTCCAGGAAAGGGTCTGGCTCAGCCACCACAG
GCCTATTTCAATGGTCCCTTCCACCTCAGACAGTAGGACATCAGGCTCATGGAAGAGAA
CAGTCCCACTCCCAAGACAAACACTCGCCATCTCTGGTAGTCACTGGCAGCTCTGGA
GTGATCTCCCCTCAAGAGTTACTGAAGAAGCTTCAGATTGTACAGCAGGAGCAGCAGCTG
CATGCCTCTAACCGGCCAGCCTTGGCCGCTAAGTTTCTGTGCTCGCTCAGAGCTCTGGA
ACAGGGAAACCTTGGAATCCTGGATCAACAAGACACCCAACACAGAACAGCAGACTCCT
CTTTTCCAGGTCTCTCACCTCAGCGCATCCCTGCTACAGCAGCTCCGTCTCTGCTTATG
TCCCCCATGGTGTTCGCACAACCCACCTCCGTCCCGCAAAGGAAAGGGAGAGCGGCCTC
TTGCCTGTGGGAGGCCAGGAGCCACCTGCTGCTGCCACCAGCCTCCTCCTGCCCATACAG
AGCCCGGAGCCCTCCGTGATCACCAGCAGCCACTCACCAGCTCCAGCTCCAGGAGGCA
CTGCTGTACCTCATTAGAATGATGACAACCTTCTAAATATAATCTATGAAGCCTATCTC
TTCAGCATGACTCAAGCAGCCATGAAAAAGACTATGTGACAGCAAGGCCTTTTAAAACTG
ATTTTCAAGGTCTTCTAGAACTCCGGCACAAGGTTCTTTTCATGTTGAGTGTGTTTCT
TCAATGTTTCTGCCTTTTTTAAAAAGAAAAGTATGTGTAATACGAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152640 unedited AGGTTCTATAATTTGTCATACGACTCATATAGGCGGCCGCATAACTTCGTATAGCATACA TTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTTCGAGAGCGGGGCT TCCAAGAGCCCCGTGCCTATGTCTGGGAGGGAGGGAAGATGGCAGCCGTGGCGGCAGGCG GCCTGGTGGGAAAGGGGCGCGACATCAGCCTAGCGGCCCTGCAGCGCCACGACCCCTATA TCAACCGCATCGTGGACGTGGCCAGCCAGGTGGCTCTGTACACCTTCGGCCATCGGGCCA ACGAGTGGGAGAAAACCTGATGTGGAAGGAACCTTATTTGTTTATACAAGGTCTGCTTCTC CAAAGCATGGATTACACCATTATGAATAGGCTGAGCATGGAAAATAGGACAGAACCCTATTA CTAAAGACTTGGATTTCCAACCTCCAGGACCTTTCCTTCTCTACAGAAATGCCAGATTGT CCATCTATGGAATTTGGTTTTATGATAAGGAAGAATGCCAAAGAATTGCAGAGCTTATGA AAAACCTAACTCAGTATGAACAGTTGAAAGCCCATCAGGGAACCTGGAGCAGGAATTTAC CAGTGATCCTCAATTCAGGAGAGGGCAAAGAAGTAGACATTTTACGAATGCTCATCAAGG CCAAAGACGAATACACAAAGTGTAAAACCTGTTCTGAGCCAAAAAAGATAACCAGTTCCT CTGCCATCTATGACCATCCATATCTCATCAAACCAATTCAGTGAACCCAGTGAACCC AGCCACAGCGTATACCTCAGCCCAACCAGACCTTAGACCCTGAACCCCAACACTTATCCT TGACAGCTCTGTTTGGGAGCAGGACANAGCTACATGTCAGGAAACTGTGGAGCCTNCGN AGACTCTCCANCAGCAGCAGCAGCAGCAG
Restriction Sites:	Please inquire
ACCN:	NM_152640
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).
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:	NM_152640.3 , NP_689853.3
RefSeq Size:	2105 bp
RefSeq ORF:	1854 bp
Locus ID:	196513
UniProt ID:	Q8IZD4
Cytogenetics:	12p13.33
Protein Pathways:	RNA degradation

Gene Summary:

This gene encodes a member of a family of proteins that function in removing the 5' cap from mRNAs, which is a step in regulated mRNA decay. This protein localizes to cytoplasmic foci which are the site of mRNA breakdown and turnover. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Transcript Variant: This variant (1) encodes the longer isoform (1).