

Product datasheet for **SC116380**

VPS26C (NM_006052) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VPS26C (NM_006052) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS26C
Synonyms:	DCRA; DSCR3; DSCRA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006052, the custom clone sequence may differ by one or more nucleotides

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ATGGGGACCGCCCTGGACATCAAGATTAAGAGCGAATAAGTTATCACGCCGGGAAGTCTCTG
GCGTGGTGGTCATATCGAGTAAGGATTCAGTCCAACACCAGGGAGTGTCTTTGACCATGGAAGAACTGT
AAACCTCCAGCTCAGTGCCAAAAGTGTGGGTGTGTTTGAAGCTTTTTATAATTCTGTTAAGCCTATCCAG
ATTATCAACAGCACCATAGAAATGGTGAAGCCGGGAAATTTCCAGCGGCAAAACAGAAATCCCTTTTG
AATTTCTCTGCACTTGAAGGTAACAAAGTCTGTATGAGACGTATCATGGCGTGTGTTGCAACATTCA
GTATACACTGCGCTGTGACATGAAGCGGTCTCTGTTGGCCAAGGACTTGACAAAGACCTGTGAATTTATC
GTTCACTCGCTCCTCAGAAGGGGAAGTTACTCCAGTCCCGTGGACTTACGATTACACCTGAAACCT
TACAGAACGTCAAAGAGAGAGCTTTGCTTCCCAAATTTCTCCTTCGAGGACATCTCAACTCAACAACTG
TGTATCAGCAGCCACTAACGGGAGAGCTGGTGGTGGAGAGCTCGGAAGCCGCCATCAGAAGCGTGGAG
CTGCAGCTGGTGCAGTGGAGACGTGCGGGTGTGAGAGGCTATGCCCGCAGCCACGGAGATTGAGA
ACATTCAGATCGCCGACGGGATGTGTGAGGGGCTCTCTGTCCCATCTACATGGTCTTCCCTAGGCT
GTTCACTGCCCTACTGGAGACCACCAACTTCAAAGTGAATTTGAGGTTAACATCGTGGTGTGCTT
CACCTGACCACCTCATCAGGAGAACTCCCCTGAAGCTCTGCAGGATATAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006052 unedited AGAGTCATATTTGTATACACTACTATAGGCGGCCGCAATTCGCACCGGGTGAACCGTG ACAGCGCTTCGGCCCCGACTAAGGCCGGCTCTTGTGCCGGAAGGAGGAAGGCGTGGGGCA TTCGCCCTCGGAGCTAGGGAGTGTGTGCGACGCCGCTGCGAGGTCACGTGAGCCACTGC CGGCAGAGAGGGAAAGGGCGGGGCCAGAACGAAGCGGGGAGGCGCCCTTGTTCCCT GGGTACACGCGCAGCCGGAAGTGGCGGTGCTGCGGAGAATTGGAGATGGGGACCGCCT GGACATCAAGATTAAGAGCGAATAAAGTTTATCACGCCGGGAAGTGCTCTCTGGCGT GGTGGTCATATCGAGTAAGGATTCAGTCCAACACCGAGGAGTGCTTTGACCATGGAAGG AACTGTAACCTCCAGCTCAGTGCCAAAAGTGTGGGTGTGTTGAAGCTTTTTATAATTC TGTTAAGCCTATCCAGATTATCAACAGCACCATAGAAATGGTGAAGCCGGGGAAATTTCC CAGCGGCAAAACAGAAATCCCTTTTGAATTTCTCTGCACTTGAAGGTAACAAAGTTCT GTATGAGACGTATCATGGCGTGTGTCAACATTCAGTATACACTGCGCTGTGACATGAA GCGGTCTCTGTTGGCCAAGACTGACAAAGACCTGTGAAATTTATCGTCACTCCCCTCT CAGAGGGGAAGTTACTCCAGTCCCGTGGACTCACGATTACACCTGANACCTTACAG AACGTCAAAGAGAGAGCTTTTGCTTCAAATTTCTCTTCNAGGACATCTCAACTCAACA AACTGTGTCATCACGCAGCCCCTAACGGNAAAGCTTGTGGTGGAGAGCTCGNAAGCGCC CTCAGGAGCCTG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006052 unedited AAATCATTATTAATACATAGCAATATACATNNCCCAAACCTTTTCTCAAATTTGTC TTAGCTTTTTAAATTCGTTAAATTTTTCATCTCATTAAAAATGGTTTCTCCTTTAAAT TTCCAGAAAGTGTGGCCTCTGTTTCTGCTACTCAGTTTAAACACATCATCAAGGATAG ATAATTAATGTCAGGTGAGCATAAAAGGAGATTATAAACAGAAATGTGTTTTCTGGAA CCAAGTTTCAAGTGAAGTCAAGATAAGTTTTATTAATTTTCATGGGTGAAGCCCTGGATAAA GCAGTGCCTAAATCAGGCTGTTTACCCTTGGCATTATGTCACCAAACTGTTTCAGGA TACTGGAAGTACATACAGCTTGGGAGGTCTTGGCCTGAGCCTGTTTGGCCAAGCCAT CCAGAATGAAAAGTACAAAAGAAGGCTAGTGTGTGTGCAAGCAGCATGGCTATTTTGA GGTCTATTAGTTGTGGGCCAACAAAACAGTGGCAGGATTTGAAGGAAGAAATGTATTGC AATAGTCCATATCCTTCGAACCAAAAGGAGACTGANGAAATGCTGGCTNTANGCCAAA AAACCTGGCTCAAACAGCTTCTNCAGTGGCTCAGAGGCAGACCAAATTCATCAAGTCA AGGACCTTTTCTGCTACCACCTTCCGNAGAGGGGCTTACCANGCCACCCTGCACA TGGGTTTTCTGCTGNTCAAACCTACCCAGTTACAACGGGAGCAAACATACATGGTTTTTC CCCTCATGTACTTTGCATTTAAATTATTCTTGGGAAACTGCTGGCGCCAGTGGTCCAA CCTGGAATTCTCACCCCTTTGGGAGGGCCAAAACGGAGGATCACTTTGAGTTTAGAATT CAAAACAACCTGGGCACAATAGGAAACCCTTGCCCAAAAATTAATAACTCGGTGGGG GGCGCTCCCTGGNTCCACTCTTCGAGGCTTGGGGGGATCCTTTCCAGAGTTAGCTT CA
Restriction Sites:	NotI-NotI
ACCN:	NM_006052
Insert Size:	3410 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).
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: [NM_006052.1](#), [NP_006043.1](#)

RefSeq Size: 3252 bp

RefSeq ORF: 894 bp

Locus ID: 10311

UniProt ID: [O14972](#)

Cytogenetics: 21q22.13

Domains: Vps26

Gene Summary: The region of chromosome 21 between genes CBR and ERG (CBR-ERG region), which spans 2.5 Mb on 21q22.2, has been defined by analysis of patients with partial trisomy 21. It contributes significantly to the pathogenesis of many characteristics of Down syndrome, including morphological features, hypotonia, and cognitive disability. The DSCR3 (Down syndrome critical region gene 3) gene is found in this region and is predicted to contain eight exons. DSCR3 is expressed in most tissues examined. [provided by RefSeq, Jul 2008]