

Product datasheet for **SC322357**

C14orf133 (VIPAS39) (NM_022067) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf133 (VIPAS39) (NM_022067) Human Untagged Clone
Tag:	Tag Free
Symbol:	C14orf133
Synonyms:	C14orf133; hSPE-39; SPE-39; SPE39; VIPAR; VPS16B
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 SC322357
 AGAAGGGCTGGTCCAGCGCGCGGAGGCTGGCGCTGTCTGAGAGGGAGGGCTCTGTGC
 GGAAGAGTCAGGGCGACCTTGGGCGCTGGAGTACGCTTGGGACTGGGGCTGCGAGTGAG
 CACCAGCGATTGGTTCCGAAGCGGACATTTGGTTTCAAGACGAGCATTTAACTCTGCCAGG
 GATCCGCTGGGCTCTGACGACTGCGGTAGATCCATGGCTTCTGGACGTTACCCGTA
 GTCATCTAGCTTAACCTTTGTTCCCTGGTCTCAGTTTCAAGCCTCACCTGTATCTTCC
 TGGCTCGGAAGATAATTGAAACCAAGTCTGACTTCTCAATGAATCGACAAAGGGTGATG
 AGGAGGAGTATTGGAACAGCTCCAAGTTCAAGGCTTTTACCTTTGACGATGAAGACGATG
 AGCTTTCACAGTTAAAGGAGTCCAAGCGGGCGGTGAACAGCCTCCGAGACTTCGTGGATG
 ATGATGACGATGATGACCTGGAGCGAGTCACTGGAGTGGGGAACCTGTGGGAAGTATCT
 CATGGTCCATCAGAGAGACTGCTGGTAATAGCGGCTCAACCCACGAGGGGCGTGAACAGC
 TAAAGAGCCGAAACAGCTTCTCCTCTATGCACAACTACCAAGCCTACTTCTACCTACT
 CCCTGAGCAGCTTTTTTAGAGGTAGAACTAGACCTGGAAGTTTCCAGTCCCTTTCTGATG
 CTCTGTCAGACACACCTGCCAAAAGCTATGCTCCAGAGCTGGGGAGACCCAAAGGGGAGT
 ATAGGGATTACAGCAATGACTGGAGCCCCAGTGATACAGTGCAGCTCTCCGGAAGGGCA
 AGGTTTGCTCACTAGAGAGATTCCGCTCCTTACAGGACAACTACAACCTCTAGAAGAGG
 CAGTAAGCATGCATGATGGAAACGTCATTACTGCAGTTCTGATTTTCTGAAGAGGACAC
 TGAGCAAAGAGATCCTTTCGAGAGCTGGAGGTGCGACAGGTTGCCCTGAGACATCTTA
 TTCCTTCTTAAGGAAATAGGGGATCAAAAGTTGCTTTTAGACCTCTTCAGGTTCTTAG
 ATAGAACAGAAGAGCTTGGCGTATCTCATTATCGAGAGCATTTGAACATTGAGACCCCTG
 ACAAAACGAAAAGATTTCTTAAACCTGTGTTGGTTTGCCATTTTCAGCAGAAGATTCCG
 CACACATACAGGACCATTACACGCTCCTGGAACGTCAGATCATTATTGAGGCAATGATC
 GCCATCTAGAATCAGCAGGACAGACTGAGATCTCCGAAAGCACCCTCGCAAAGCCTCCA
 TCCTCAACATGCCACTAGTGACAACACTTTTCTACTCCTGCTTCTATCACTACACAGAGG
 CTGAGGGGACATTCAGCAGTCCCGTCAACCTGAAGAAGACATTTAAGATCCAGATAAAC
 AGTATGTGCTGACAGCCCTGGCTGCTCGTGCCAAGCTTCGAGCCTGGAATGATGTAGATG
 CCCTATTACACCAAAGAACTGGCTGGGCTATACCAAGAAGAGAGACCCATTGGCTTCC
 ATCGGGTTGTGCAAAATTTGCACAAGAACAATGCCCTGTGCAGATATTACAGGAGTATG
 TCAATCTGGTGAAGATGTGGACACGAAGTTGAACCTAGCCACTAAGTTCAAGTGCCATG
 ATGTGCTCATTGATACCTACCGGACCTGAAGGATCGTCAACAGTTGCTAGCATAACGGA
 GTAAGGTAGATAAAGGATCAGCAGAGGAGGAGAAGATTGATGCTTCTCAGCAGCTCGC
 AAATTCGATGGAAGAATTAAGTGGCATTGACTACCTTGAAGCCTGCCTCATTTCTCCTC
 TCCTGCCTGTGAAAGCAGAGAGAGCTCTTCTTTGGGAGAGCTGCGGCATCACATCGCTTG
 GGCCCATTAACCATGGGAGTGGCAGTACTCTTGACACAGATAACTTCAGACTGATCTT
 CTGTCCAAGGAACATCATCTGAGGATCGAGATCTAAAGCTTTGAGTCATGAGAATGATTC
 TCTCCACCTGGTCTCATATGAAGGTGGGAGTGATTTCTAGATTGGGCCCTACTGGGTA
 AGATCTCACTTGGTCTGAGAAAAGTGACTGCTCCAGAAAGGAAGGATGGGAGTCATA
 GGGTGGCTACTGCATTCACCTCAGCTAATTATGATCCAGGACTTGGCGCTGGACATTGGC
 AGTTCTGCTCTGAATGAAGTCAGAACAGAACCAAAATGGCCTCAGGAAGGAATGCCAGTG
 TTTCCCAAGACCTCCTGGAGATGCACTCACACCAGACTGCACAGACCCCTCCACATTATG
 CCACACACGGCCTAGACGTTGTGTTTCTCAGCCATTTTCCCTCTGCTGCCCCAGTTTAC
 TCTGTCCAAAACCTAAGGTTCTTCTCACTTGAACACAGACGACCTTGCTTGGGTGAT
 GAGACATCCCCTTTATCTCTTCTCTACTGCTGGCCAAGACCCGTCATTTATAAGAAGC
 TCAGATGCAGCAGTGCTGGAGAGCTCTCTTTATGCAAAAATCTCATTTACCAGGAGC
 TTTCAGAAAGTTTACCTGGGCTAAATTCAGCAGCATTTCTGTTAGGATATTTAGATGGAG
 GTTTTATTTTCACTTGGATTCTGCTCTGTACCAATATTTGCCTCCTTTCTGTGACT
 GAACTGGGTTTTTCTGACATGCCTAGACTCCTAATAAAGGTATTTCTTCTTGGTGCCTT
 CAAA

Restriction Sites:

Please inquire

ACCN:

NM_022067

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_022067.2</u> , <u>NP_071350.2</u>
RefSeq Size:	2810 bp
RefSeq ORF:	1482 bp
Locus ID:	63894
UniProt ID:	<u>Q9H9C1</u>
Cytogenetics:	14q24.3
Gene Summary:	This gene encodes a protein involved in the sorting of lysosomal proteins. Mutations in this gene are associated with ARCS2 (arthrogryposis, renal dysfunction, and cholestasis-2). Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jul 2010] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 encode the same protein (isoform 1).