

Product datasheet for **SC337629**

VPS39 (NM_001301138) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VPS39 (NM_001301138) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS39
Synonyms:	hVam6p; TLP; VAM6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001301138, the custom clone sequence may differ by one or more nucleotides

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ATGCACGACGCTTTCGAGCCAGTGCCGATCCTAGAAAAGCTGCCTCTGCAAAATCGACTGTCTGGCTGCCT
GGGAGGAATGGCTTCTTGTTGGGAACCAACAAGGACATCTTCTCTATAGGATTCGGAAGGACGTTGT
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AATAAGGGTGGATGGAAGGGGTCCATCAAAGAGCTCTTCCAACAGGAAAACAGCTGGAGCCCTTAGTT
GCACCTCTGGCAGATGGAAGGTGGCTGTGGGCCAGGATGATCTACCGTGGTACTCAATGAGGAAGGGA
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TTGCAAAGGCCCCGTTTATTACCTCAGGAGGATCAAACATTATCTATGTGGCCAGCAATCATTTTGTTT
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GAGGACAGTGCAGTATCTGCAGCATCTGGGCACAGAAAACCTGCATTTGATTTTCTCTACTCAGTGTGG
GTGCTGAGAGACTTCCAGAAGATGGCCTGAAGATATTTACTGAAGATCTCCCGAAGTGGAGTCTCTGC
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AAACATGAACAAGCTCTTTTCATTTATGTCCACATCTTGAAGGATACAAGGATGGCTGAGGAGTACTGCC
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GCCCCCAGCATTCACTGCCTGGGGCAATCAAGCTGGAACACTGGAGCCAAAAGCCAACTCCAGGCC
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CAGGTGAAGTGATCATCACAGAGGAGAAGGTGTGCATGGTGTGAAGAAGAAGATTGGGAACAGTGCAT
TTGCAAGATACCCAATGGAGTGGTCCATTACTTCTGTTCCAAAGAGGTAAACCCAGCTGACACTTG
A

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Restriction Sites: Sgfl-Mlul
ACCN: NM_001301138

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:	<u>NM_001301138.1, NP_001288067.1</u>
RefSeq Size:	4906 bp
RefSeq ORF:	2661 bp
Locus ID:	23339
UniProt ID:	<u>Q96JC1</u>
Cytogenetics:	15q15.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a protein that may promote clustering and fusion of late endosomes and lysosomes. The protein may also act as an adaptor protein that modulates the transforming growth factor-beta response by coupling the transforming growth factor-beta receptor complex to the Smad pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).