

Product datasheet for **SC126483**

VPS37D (BC064621) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VPS37D (BC064621) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS37D
Synonyms:	MGC35352; vacuolar protein sorting 37 homolog D (<i>S. cerevisiae</i>); vacuolar protein sorting 37D; WBSCR24; Williams-Beuren syndrome critical region protein 24; Williams Beuren syndrome chromosome region 24
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 BC064621 edited
 CCGCAGCCCGGGGCGCTTTGGGATCCTCAGCACCGGGCAGCTCCGGGACCTGCTTCAGGA
 TGAGCCCAAGCTGGACCGGATCGTGC GGCTCAGCAGGAAGTTCCAGGGCCTGCAGCTGGA
 GCGTGAGGCTGCCTGGCCTCCAACCTACGCGCTGGCCAAGGAGAACCTGGCCCTGCGGCC
 CCGCCTGGAGATGGGCCGGGCTGCCCTGGCCATCAAATACCAGGAGCTTCGTGAGGTGGC
 CGAAGACTGCCGGAAGCTGCAGCGACTGGAGGAAAGCATGCATCGCTGGAGTCCCA
 CTGCGCGCTGGGCTGGCTGCAGGCTGAGCTAGAAGAGGCGGAGCAGGAGGCAGAGGAGCA
 GATGGAGCAGCTGCTGCTCGGGGAGCAAAGCCTGGAGGCCTTCTGCCTGCCTCCAGCG
 TGGCCGCGCCCTGGCCACCTGAGGCGGACGCAGGCAGAGAAGCTGCAGGAGCTGCTGCG
 GCGTCGGGAGCGTTCTGCCAGCCGGCCCCACCTCGGCTGCTGATCCCCCAAATCCTT
 CCCGGTGCAGCTGTCTGCCACTGGGGCCGCCGGGGCCACCAGCAGTGCCCGGAG
 CCTGCCCCCTTGACTCCCGCCAGTGCCCCACTGAAGGGCTCCCCGGGTGCCCCCT
 CGGCCCGCCCCCTGCTGAGCCCTCGGCCCTCGCAGCCAGAGCCCCCACCAGGTAGGA
 TCCACGGTGCGGCCCCCAAGTTGGGGGCTAGACAACTTGATGCGTGGCTCCTCTCC
 TCCCCACTGCCTGGGTGGGGGAGGGGCAGGCCCTCCCCTGGCCTCAGGCAGGCCCT
 GGCCCTGGAGGCTGAGCTGGGGAGGAGGTCCCCTGGAAGAGGCCGAGAGGGGGCTGGG
 GGTGGGTGGGCAGGGCTTATGCCTCTGGCGCTGAAGACACCCTGCCTTTTTTTGTTCCG
 TGCCCCGGGGCCTCTAGGGTGATGGACCAGCCCCGTTAAAGAAGTTGACTCAACTACAGG
 GGCTGGGAAGATGCCTGGGTCCCCTAGGGGCTTGCCAAGGGGACCTGTGCGACCCAC
 CACTCCACTGGGCTCGCACACGCCAAGGCCGCCAGGAGTGTTTTACATCATGCTCTGAG
 CCTACCTTTCCCCAAATTTCTGGGGCCACAGCCTAGGAGCCAGGTGATCAGGCCTGGC
 TGTGGGGCCAGGACACCATGGCCCTGGGGCTACTACGTGTCCACACATGCTCCAGACC
 TGGGGCAAGGTAGGCCAGGGGCTTCTGACCTGTGCAGGTGAGAGTGGGCCATACCAGGA
 AAGACCATTCTGTATTTTTCTGTCCCTGTCTCCTTAGAATGGAAGCTTTTTGAGGGCAGG
 TCTTGTCTTTGTACGTTCTGTCCCGCCCGCCTCTTAGGGGCGTCAATAAATGTGA
 TGATGAGGAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: BC064621

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: [BC064621.1](#), [AAH64621.2](#)

RefSeq Size: 1519 bp

Locus ID: 155382

Cytogenetics: 7q11.23

Protein Pathways: Endocytosis

Gene Summary: Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in cell growth and differentiation.[UniProtKB/Swiss-Prot Function]