

Product datasheet for **SC315498**

VPS37D (NM_001077621) Human Untagged Clone

Product data:

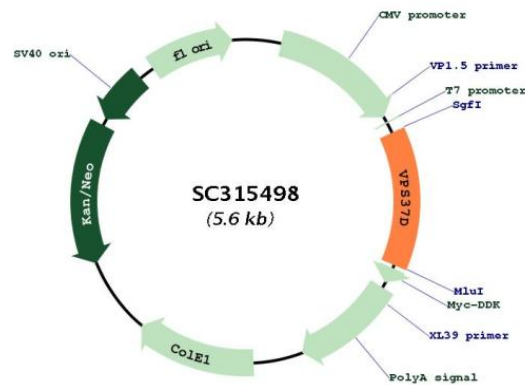
Product Type: Expression Plasmids
Product Name: VPS37D (NM_001077621) Human Untagged Clone
Tag: Tag Free
Symbol: VPS37D
Synonyms: WBSCR24
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC315498 representing NM_001077621.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTACCGGGCCCGGGCGCGGGCGGGGCGGAGCCCGGCAGCCCGGGCGCTTTGGGATCCTCAGC
ACCGGGCAGCTCCGGGACCTGCTTCAGGATGAGCCCAAGCTGGACCGGATCGTGCGGCTCAGCAGGAAG
TTCCAGGGCCTGCAGCTGGAGCGTGAGGCCTGCCTGGCCTCCAACACGCGCTGGCCAAGGAGAACCTG
GCCCTGCGGCCCGCCTGGAGATGGGCCGGCTGCCCTGGCCATCAAATACCAGGAGCTTCGTGAGGTG
GCCGAGAACTGCGCGGACAAGCTGCAGCGACTGGAGGAAAGCATGCATCGCTGGAGTCCCCTGCGCG
CTGGGCTGGCTGCAGGCTGAGCTAGAAGAGGCGGAGCAGGAGGCAGAGGAGCAGATGGAGCAGCTGCTG
CTCGGGGAGCAAAGCCTGGAGGCCCTTCTGCCTGCCTTCCAGCGTGGCCGCGCCCTGGCCACCTGAGG
CGGACGCAGGCAGAGAAGCTGCAGGAGCTGCTGCGGCGTGGGAGCGTTCTGCCAGCCGGCCCCCACC
TCGGCTGCTGATCCCCCAAATCCTTCCCGGCTGCAGCTGCTGCCACTGGGGCCGCCCGGGGGCCA
CCAGCAGTGCCCCGGAGCCTGCCCCCTTGACTCCCGCCAGTGCCCCACTGAAGGGCTCCCCCGGG
TGCCCCCTCGGCCCGGCCCCCTGCTGAGCCCTCGGCCCTCGCAGCCAGAGCCCCCACCGGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001077621

Insert Size: 756 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).

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: [NM_001077621.1](#)

RefSeq Size:	1609 bp
RefSeq ORF:	756 bp
Locus ID:	155382
UniProt ID:	Q86XT2
Cytogenetics:	7q11.23
Protein Pathways:	Endocytosis
MW:	27.7 kDa
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]