

Product datasheet for SC317562

VPS37C (NM_017966) Human Untagged Clone

Product data:

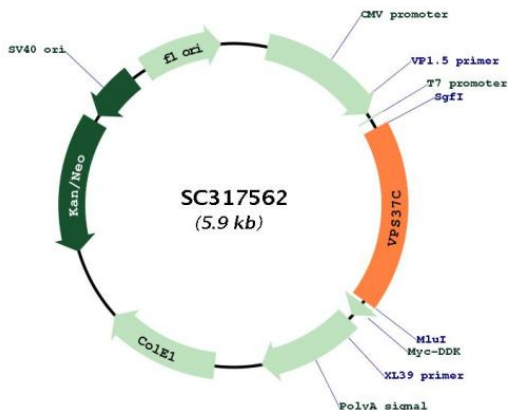
Product Type:	Expression Plasmids
Product Name:	VPS37C (NM_017966) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS37C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317562 representing NM_017966. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGACGCTGAAGGATAAGACCCTGCAGGAGCTGGAGGAGTTGCAGAAATGACTCGGAGGCGATTGAC
CAGCTGGCCCTGGAGTCCCTGAGGTCCAGGACCTACAGCTGGAACGGGAGATGGCACTGGCCACCAAC
CGGAGCCTGGCAGAGCGGAACCTGGAGTTCCAGGGTCCCTGGAGATCAGCCGCTCAAACCTCTCGGAT
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GGAACACCCCTGTGGTTGAAGAGCAGCCGAGCCACCATTAGCCATGCCTCCCTACCCTTTGCCCTAC
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GGTGTGCGGGTACTCCTGGTCCACAGAGGAGCATGCCACCCGGCCGGGCTATCCTGGACCCCA
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CCACCGCCGGGGCTGCCTGGCCTGGGTATTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_017966

Insert Size: 1068 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_017966.4](#)

RefSeq Size: 2711 bp

RefSeq ORF: 1068 bp

Locus ID:	55048
UniProt ID:	A5D8V6
Cytogenetics:	11q12.2
Protein Pathways:	Endocytosis
MW:	38.7 kDa
Gene Summary:	VPS37C is a subunit of ESCRT-I (endosomal sorting complex required for transport I), a complex in the class E vacuolar protein sorting (VPS) pathway required for sorting ubiquitinated transmembrane proteins into internal vesicles of multivesicular bodies (Eastman et al., 2005 [PubMed 15509564]).[supplied by OMIM, Mar 2008]