

Product datasheet for SC335737

VPS36 (NM_001282168) Human Untagged Clone

Product data:

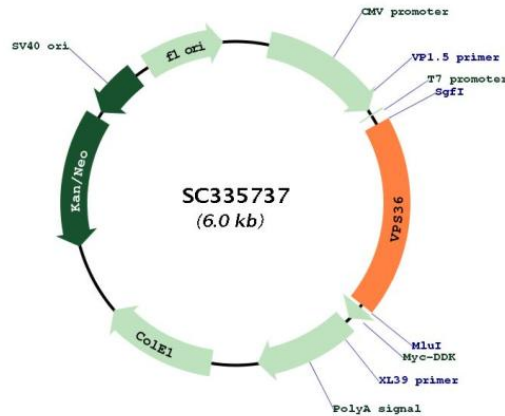
Product Type:	Expression Plasmids
Product Name:	VPS36 (NM_001282168) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS36
Synonyms:	C13orf9; CGI-145; EAP45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335737 representing NM_001282168. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCGCTTCGTTGGACCAGCGCCTCCTGGAGATCAACGAGACCCTGGTATCCAGCAGCGCGGG
ATAAAATTTGATGCTGGGACTCTCCTTCTAGTACACCCGACTGATTTGGAGAGATCAGAAAAATCAT
GAGTGTTCATGGCCATTCTCCTTTCCCAAATTGTGTTTCATTGAAGAACAGGCGGCTGGAATTGGGAAG
AGTGCCAAAATAGTGGTTCATCTTCACCCAGCTCCTCCTAACAAAGAACCTGGCCATTCCAGAGTAGT
AAGAACTCTACATCAAACCTCCTTCAAAGAACATGGCCAGATTGAGTTTTACAGGCGTTTATCAGAG
GAAATGACACAAAAGAAGATGGGAGAATATGCCAGTTTCCAGTCATTACAAACAAAATAGAGGACCCAG
CCAGGAAGAATAAGGGCTGTAGGAATTGTAGGTATTGAAAGGAACTGGAAGAAAAAAGAAAAGAACT
GACAAAAACATTTCTGAGGCCTTGAAGACCTCAGCAAATAATGATCAAGGCTAAGGAAATGGTGGAA
TTATCAAATCAATTGCTAATAAAATTAAGACAAAACAAGGTGACATCACAGAAGATGAGACCATCAGG
TTAAATCCTACTTGCTGAGCATGGGAATAGCTAACCCAGTTACCAGAGAAACCTACGGCTCAGGCACA
CAGTACCACATGCAGCTGGCCAAACAACCTGGCTGGAATATTGCAGGTGCCTTTAGAGGAACGAGGGGGA
ATAATGCACTCACGGAGGTGTACTGCTTAGTAAACCGAGCTCGAGGAATGGAATTGCTCTCACCAGAA
GATTTAGTGAATGCGTGCAAGATGCTGGAAGCACTGAAATTACCTCTCAGGCTCCGTGTGTTTGACAGT
GGCCTCATGGTAATTGAGCTTCAGTCTCACAAGGAAGAGGAAATGGTGGCCTCGGCCCTGGAGACAGTT
TCAGAAAAGGGATCCCTAACATCAGAAGAGTTTGCTAAGCTTGTGGAATGTCTGTCTCCTTAGCCAAA
GAAAGTTGCTGCTTGCAGAGAAGATGGCCATCTTTGCCGTGATGACTCAGTGAAGGCCTGCGTTTTT
TACCCAAATTTATTTATGACACAGAGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001282168

Insert Size: 1134 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).

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_001282168.1](#)

RefSeq Size: 4446 bp

RefSeq ORF: 1134 bp

Locus ID: 51028

Cytogenetics: 13q14.3

Protein Families: Transcription Factors

Protein Pathways: Endocytosis

MW: 42.7 kDa

Gene Summary:

This gene encodes a protein that is a subunit of the endosomal sorting complex required for transport II (ESCRT-II). This protein complex functions in sorting of ubiquitinated membrane proteins during endocytosis. A similar protein complex in rat is associated with RNA polymerase elongation factor II. [provided by RefSeq, Aug 2013]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' terminal exon compared to variant 1. This results in a shorter protein (isoform 2) compared to isoform 1.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.