

## Product datasheet for **SC114437**

### VPS36 (NM\_016075) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VPS36 (NM_016075) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS36
Synonyms:	C13orf9; CGI-145; EAP45
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016075, the custom clone sequence may differ by one or more nucleotides

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ATGGACCGCTTCGTTTGGACCAGCGCCTCCTGGAGATCAACGAGACCCTGGTGATCCAGCAGCGGGG
TGCGAATCTACGATGGCGAGGAGAAGATAAAATTTGATGCTGGGACTCTCCTTCTTAGTACACCCGACT
GATTTGGAGAGATCAGAAAAATCATGAGTGTTCATGGCCATTCTCCTTCCCAAATTGTGTTTCATTGAA
GAACAGGCGGCTGGAATTGGGAAGAGTGCCAAAATAGTGGTTCATCTCACCCAGCTCCTCTAACAAAG
AACCTGGCCATTCCAGAGTAGTAAGAATCCTACATCAAATCTCCTTCAAAGAATGAGCCAGATTGA
GTTTTACAGGCGTTTATCAGAGGAAATGACACAAAGAAGATGGGAGAATATGCCAGTTTCCAGTCATTA
CAAACAAATAGAGGACCCAGCCAGGAAGAATAAGGGCTGTAGGAATTGTAGGTATTGAAAGGAACTGG
AAGAAAAAAGAAAAGAACTGACAAAAACATTTCTGAGGCTTTGAAAGACCTCAGCAAATGATGATCAA
GGCTAAGGAAATGGTGAATTATCAAAATCAATTGCTAATAAAATTAAGACAAACAAGGTGACATCACA
GAAGATGAGACCATCAGGTTTAAATCCTACTTGCTGAGCATGGGAATAGCTAACCAGTTACCAGAGAAA
CCTACGGCTCAGGCACACAGTACCACATGCAGCTGGCCAAACAATGGCTGGAATATTGCAGGTGCCTTT
AGAGGAACGAGGGGGAATAATGTCACTCACGGAGGTGACTGCTTAGTAAACCGAGCTCGAGGAATGGAA
TTGCTCTCACCAGAAGATTTAGTGAATGCGTGAAGATGCTGGAAGCACTGAAATTACCTCTCAGGCTCC
GTGTGTTTGACAGTGGCGTCATGGTAATTGAGCTTCAGTCTCACAAAGGAAGGAAATGGTGGCCTCGG
CCTGGAGACAGTTTCAGAAAAGGATCCCTAACATCAGAAGAGTTTGCTAAGCTTGTGGGAATGTCTGTC
CTCCTAGCCAAAAGAAAGTTTGTGCTTGACAGAGAAGATGGCCATCTTTGCCGTGATGACTCAGTGGAAG
GCCTGCGTTTTTACCAAATTTATTTATGACACAGAGCTAA
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Restriction Sites:	NotI-NotI
ACCN:	NM_016075
Insert Size:	5000 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_016075.2</a> , <a href="#">NP_057159.2</a>
<b>RefSeq Size:</b>	4427 bp
<b>RefSeq ORF:</b>	1161 bp
<b>Locus ID:</b>	51028
<b>UniProt ID:</b>	<a href="#">Q86VN1</a>
<b>Cytogenetics:</b>	13q14.3
<b>Domains:</b>	Vps36
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Endocytosis
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>