

## Product datasheet for **SC105402**

### VPS25 (NM\_032353) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VPS25 (NM_032353) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS25
Synonyms:	DERP9; EAP20; FAP20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032353, the custom clone sequence may differ by one or more nucleotides

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ATGGCGATGAGTTTCGAGTGGCCGTGGCAGTATCGCTTCCCACCCTTCTTTACGTTACAACCGAATGTGG
ACACTCGGCAGAAGCAGCTGGCCGCCTGGTGCTCGCTGGTCTGTCTTCTGCCGCCTGCACAAACAGTC
CAGCATGACGGTGATGGAAGCTCAGGAGAGCCCGCTCTTCAACAACGTC AAGCTACAGCGAAAGCTTCTCT
GTGGAGTCGATCCAGATTGTATTAGAGGAAGT GAGGAAGAAAGGGAACCTCGAGTGGTTGGATAAGAGCA
AGTCCAGCTTCTGATCATGTGGCGGAGGCCAGAAGAATGGGGGAAACTCATCTATCAGTGGGTTTCCAG
GAGTGGCCAGAACAACCTCCGTCTTACCCTGTATGAACTGACTAATGGGGAAGACACAGAGGATGAGGAG
TTCCACGGGCTGGATGAAGCCACTCTACTGCGGGCTCTGCAGGCCCTACAGCAGGAGCAC AAGGCCGAGA
TCATCACTGT CAGCGATGGCCGAGGCGTCAAGTCTTCTAG
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_032353 unedited  NACGTCGACTTTTGTATACGACTCACTATAGGCGGCCGCGAAATTCGCACGAGGCTACTACGATGGCGATGAGTTTCGAGTGGCCGTGGCAGTATCGCTTCCCACCTTCTTTACGTTACAACCGAATGTGGACACTCGGCAGAACGAGCTGGCCGCCTGGTGCCTCGCTGGTCTGTCTCTCTGCCGCTGCACAAACAGTCCAGCATGACGGTATGGAAGCTCAGGAGAGCCCCTCTCAACAACGTCAAGCTACAGCGAAAGCTTCTGTGGAGTCGATCCAGATTGTATTAGAGGAAGTGGGAAGAAAGGGAACCTCGAGTGGTTGGATAAGAGCAAGTCCAGCTTCTCGATCATGTGGCGAGGCCAGAAGAATGGGGAAACTCATCTATCAGTGGGTTTCCAGGAGTGCCAGAACAACCTCCGTCTTTACCCTGTATGAACTGACTAATGGGGAAGACACAGAGGATGAGGAGTTCCACGGGCTGGATGAAGCCACTCTACTGCGGGCTCTGCAGGCCCTACAGCAGGAGCACAAGGCCGAGATCATCACTGTCAGCGATGGCCGAGGCGTCAAGTTCTTCTAGCAGGGACTGTCTCCCTTTACTTCTTACCTCCCACCTTTCCAGGGCTTTCAAAGGAGACAGACCCA GTGTCCCCAAAGACTGGATCTGTGACTCCACCAGACTCAAAGGACTCCAGTCTGAAGGCTGNGACCTGNGGATGGGTTTCTCACACCCCATATGTCTGTCCCTTGGATAGGGTGAGGCTGAGCACAGGAGAAAAATGTCTTCTCGCCCTACCTNCTTTCCCATNCTAGACTGTNCTTGAGCCAGGNTCTGTNAACCTGACCTTNNATATGTGTTCCACACATGTAAGC</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_032353 unedited  CGCGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTCTGGGAGTTGAGATTTTAATATCATAAATCGGTGTGGGGCCACACCTCTCACTGCCAGGCCCGTGGGCCTCTATCTTCA TATTGCCTGGAAGGCTGCCTGCAGCCAGGGCTTCCCCATCCCCTAGGAAGGATCCAGCACAGCCTGAGAAGGGAGGCAACAGCAGCTAAAGGGGTGGGAGGAGGAGGAGACAGAAGCATGTGCTGCAGGCCATGTGTGTATGTACTTACATGTGTGAACACATATAAAGTGCAGGTTACAGACCCCTGGCTCAAGGACAGTCTAGGATGGGAAAGGAGGTAGGGCGAGAAGAAGCATATTTTTCTCCCTGGTCTTACGCTCACCCTATCCAAGGGACAGACATATGGGGTGTGAGAAACCCATCCCAGGTCACAGCTTCCAGGACTGGAGTCTTTTTGAGTCTGGTGGAGTACAGATCCAGTCTTTGGGGGACACTGGGTCTGTCTCCTTTTAAAAGCCCTGNAAGGTGGGAGGTAAGAAGTAAAGGGGAGACAGGTCCCTGCTAGAAGAACTGACGCCTCGGCCATCGCTGACAGTGATGATCTCGGCCTTGTGCTCCTGCTGTAGGGCCTGCAGAGCCCGCAGTAAAGTGGCTTCCATCCAGCCCGNGGAACCTCCTCATCCTCTGTGCTTCCCCCATAGTCAGTTCATACAGGGTAAAAGACGGGAGTTGTCTGGCCACTCCTGAAACCCACTGATAGATGATTTTCCCCATTCTTGGNCCTCGCCACATGATCAGGAAGCTGGACTGGCTTTATACACACTCGAGGNTCCTTNNCTTCTCAGTCCCTATACATCCTGGATCACTCCACAGAAGCTTTCNCTGACCTTGACGTGGTAAAACCGGCTCTCCTGACTCCATACCGNATGCTGGACTTGTGGCAGGCGGAAAGGGACAGACANGGACCACAGCGGCCCTTGTGCGAGGTCCACTCCGTGAA</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_032353
<b>Insert Size:</b>	1190 bp
<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).

**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\\_032353.2](#), [NP\\_115729.1](#)

**RefSeq Size:** 1122 bp

**RefSeq ORF:** 531 bp

**Locus ID:** 84313

**UniProt ID:** [Q9BRG1](#)

**Cytogenetics:** 17q21.2

**Protein Families:** Transcription Factors

**Protein Pathways:** Endocytosis

**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 pseudogene of this gene is present on chromosome 1. [provided by RefSeq, Jul 2013]