

## Product datasheet for **MC206042**

### Vps45 (BC058528) Mouse Untagged Clone

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | Expression Plasmids                   |
| Product Name:             | Vps45 (BC058528) Mouse Untagged Clone |
| Tag:                      | Tag Free                              |
| Symbol:                   | Vps45                                 |
| Synonyms:                 | A1462172; AW554165; mVps45            |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                  |



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**Fully Sequenced ORF:** >BC058528  
 CCAACAGGCCTGAGGTTAATTCAGCCAGGAAAGTGGGTGGGAAGGGCTGTGGGGCACCTGTCAATTCGCC  
 ACCATGAATGTGGTCTTTGCTGTGAAGCAGTATATTTCCAAAATGATAGAGGACAGCGGGCCGGGCATGA  
 AGGTACTTCTCATGGATAAAGAAACGACTGGTATAGTGAGTATGGTCTACACACAGTCAGAGATTCTTCA  
 GAAGGAAGTATACCTCTCGAACGAATTGATTCTCAAAATCGAGAGATCATGAAACACCTAAAAGCAATT  
 TGTTTCCTTCGACCCACAAGGAGAATGTGGAATATCTGATCCAGGAGCTCCGAAGACCCAAGTACAGCA  
 TATATTTTATTTATTTTCAGTAATGTGATCAGCAAGAGTGACGTGAAGTCACTGGCTGAAGCTGACGAGCA  
 GGAAGTTGTGGCTGAAGTTCAGGAATTTATGGTGATTACATTGCGGTGAATCCACATTTGTTTTCTCTC  
 AATATTTTGGGTTGCTGTGAGGGTCGAAATTTGGGATCCAGCCCAGCTATCAAGAACGACTCAAGGGCTGA  
 CAGCTCTCCTTTTGTCTCTGAAGAAGTGCCCATGATTGTTATCAGCTTTCATCAGAGGCTGCAAAGAG  
 ACTGGGAGAATGTGTTAAGCAAGTGATAAGTAAAGAGTACGAACTCTTTGAATTCGGCGGACAGAGGTT  
 CCTCCGCTACTTCTATTCTGGATCGTGCATGACGCCATTACCCCGCTGCTCAACCAAGTGGACATATC  
 AGGCCATGGTCCATGAACACTGGGCATAAACAACAACCCGATTGATCTTCCAGAGTCCAGGAATCAG  
 CAAAGACTTAAGAGAGGTGGTCTGTCGCTGAAAATGATGAATTCTATGCTAATAACATGTACCTGAAC  
 TTTGCCGAGATTGGTAGCAATATAAAGAATCTCATGGAAGACTTCCAGAAGAAGAGACCAAAAGAGCAGC  
 AAAAGCTGGAATCCATAGCAGACATGAAGGCCTTTGTTGAAAATATCCACAGTTCAAAAAGATGTCTGG  
 GACTGTCTCAAAGCACGTGACAGTGGTCCGGGAAGTGTCTCGGTTGGTCACTGAGCGGAATCTGCTGGAG  
 GTTTCAGAAGTTGAGCAAGAAGTGGCCTGTGAGATGACCATTCTAGTGCTCTTCAGAATGTGAAGAGAC  
 TCCTGCAGAAATCCGAAAGTACAGAAATTTGATGCAAGTTCGCTGGTGATGCTTTATGCTCTACATTACGA  
 GCGCCACAGCAGCAACAGCCTGCCAGGACTCATAGTGGACCTCAGGAGTAAAGGTGTTGCTGAGAAGTAT  
 CGGAAGCTTGTGTCGGCAGTTGTTGAATATGGTGGTAAACGGGTTAGAGGAAGTGACCTCTTCAGTCCCA  
 AAGATGCTGTGGCTATTACCAAGCAGTTTCTCAAAGGACTGAAGGGAGTGGAAAAATGTGTATACACAGCA  
 CCAGCCTTTCCTGCATGAGACCCTGGATCATCTCAAAGGAAGGCTTAAGGAAAACCTCTATCCTTAT  
 TTAGGCCCCAGCACACTCAGAGACAGGCCCTCAGGATATCATCGTGTATTATTATTGGAGGAGCCACCTATG  
 AAGAGGCTCTGACAGTCTATAACCTGAACCCGACCACTCTGGAGTGAGGATCGTTCTGGGAGGAACAAC  
 AATACACAACACAAAAAGCTTCTAGAGGAAGTCTGGCTTCTGGGCTGCACAGCCGAGCAGGGAGAGC  
 TCGCAGGCCACCTCAAGGTGAGCAAAACAGAAGATGAGATGGCAGTGGAGAGCGGCGAGAATGTCATGGCC  
 TCCTCTTACCTGCCTCGGCCCTTCCCTGCTGACCAGGGGCTTTGGGGCTGGCCCTTGTGTTTGTCTGAC  
 TCACTCCAGGTAACCCCGATTCTGGACTGCTGGAACAGACCCCGGACTGCGAGCCGACGATGAGCCCA  
 CCCCAGCCACTTGTGATTGTGTATGGAATAAACACACTCTTTGTGATTTGACAGCAAAAAAAAAAAAAA AAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** BC058528

**Insert Size:** 1713 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: [BC058528](#), [AAH58528](#)

RefSeq Size: 2035 bp

RefSeq ORF: 1713 bp

Locus ID: 22365

Cytogenetics: 3 41.65 cM

Gene Summary: May play a role in vesicle-mediated protein trafficking from the Golgi stack through the trans-Golgi network.[UniProtKB/Swiss-Prot Function]