

Product datasheet for **MC203011**

Vps37c (NM_181403) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps37c (NM_181403) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vps37c
Synonyms:	5730409F24Rik; AU042646
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC025865
 GTGGCCACCCCTAGGCCTACAAGGCAGGACACTCGGGGCGCGGGGAGGGGCAGTGCGGCTGTTCTCAG
 CTGGACGCGGGAGTAAGTCACATCCGGTAGAGGCGGGGCTCGTGGATCCCAGGAAGTGCGGGCAGCGGCTG
 ATTGCCCGCGGTAGCGGCGGGCCCGGAGAAGATGGAGGGGCTGAAAGACAAGACCCTGCAGGAGCTGGAG
 GAAATGCAGAATGACCCAGAAGCCATTGCCCGCTAGCCTTGGAGTCTCCTGAGGTTCCAGGACCTGCAGT
 TAGAACGAGAGATGGCACTGGCCACGAACCGGAGCCTGGCAGAGCAGAACCTGGAGTTCCAAGTCCCCT
 GGAAATCAGCCGCTCTAACCTCTCAGACAATACCAGGAGCTGCGGAAGCTTGTGGAGCGGTGCCAGGAG
 CAGAAAGCCAAGCTGGAGAAATTTTCTCGGCACTGCAGCTGGGACCTGTTGGACCTTCTGCAGATCG
 AAGGCATGAAGATCGAGGAGGAGTCTGAGGCCATGGCTGAGAAATTCCTGGAAGGTGAGGTGCCGTTGGA
 AACGTTCTTAGAGTCCTTTTCTCCATGAGGACACTGCTGCACCTGCGTCGAGTCCGCGTAGAGAAGCTC
 CAGGACGTGGTGGGCGGCTCGAGCTTGGCCGAGCTGGCTGGAGATGTCCCTCCAAAGCGCCCGCCAC
 CCCCACGCCAGTACCCAGGCGACACCGCTGAGACTGAAGAACAGCCTCCACAGCCCTCTGTAGTGAC
 TCCCTACCCTTGGCCTACAGCCATCCCAGGCTTGCCTGTGGGCCGACAGCCAGGGAGCCCTGCAG
 CCAGCCCCCTTCCCTGTGGTGGCCAGCCTTCTCCTATGGTGGGCTCTGGGTCCTTACCATCACCTC
 ATCCAGGACCCAGGGCCATGGTGGTTACTCTTGGTCTCCACAGAGGAGTGGCCCGCCAGCCTGGCTA
 TCCTACGGCTCCAACCTAGTACCTCTGGTCCAGGTTACCCCTTAGTGGGGGCCGAACCCCTGGTCCCTGGT
 TATCCTCAGCAGTCCCCCTACCTCCCGTCAGGAAACAACTCCCTACCCAACACAACTCAGTCCCGG
 GCTTCCCAGGACAGCCCCAGCCTCCTGTGCCCCCTCAACCTCCATACCCTCCTGGGACAACCCCTTCCCTA
 TGGCTTCCACCCTCCAGGGCCTGCCTGGCTAGGTATTAGTCTGGTCTGTGTCCACCTTCTTCTTCTA
 CCTGCACCACAGCCTTTGGCCTCCATTTGCTGAGATTTGAGGTTAACTGGACGTGGTGGTGATGCGCC
 CTGAAACGCTGGGACACACAGAAGCCCCGAGCCTCGAGTTGGAAGCACATAGGCCTCCTGAAAGGCCCTG
 AAGAGTGCAGCATGAGTCTTCTGGGAGCTCCTTCTGCCAGGACTGCTCAGCACATCCTGAGTGGCCTG
 CTGGGAGCCCAGGGCTCTCTGGTGTGCATGAACGGGTGTGTTTCATGTCTTTCATAGTACCTACCTGCCT
 TGATCCCTGACAGCTGAACCAATGTAGAATAATCTTGATGCAGGGTGACCCTGGGTCTCGGACCCTGCTC
 ATCCAGGCTGTCCCTGGAGCTTGGTATGTTTGTGTTGATGTTGAATCACATGCCAAGTATGACAGAGTCTGT
 CTGTCCACTAAAGGATGCTCTACCTATTTACCACGGTCGGGTCGTAGGAAGGAACAGTTACGAAAAGTG
 GACTTTGATTCTGAAAGCCATATTTAGCTGCCGTGCCAATGTCAGGCAAGCGTGTCTACGTGCTGGC
 AGAGACCATAGCAGCAGTGGTATGGTGGAGAGCTGGGGATGCCAAGGGAAACCCAGGCCTCAAATTGTA
 TGGTTGGACGCTCCTAGAGGTCACCCTGGAGCCCCGGCTGGAGTGGAGGACCAGGGTTACCTCCCAGCCA
 CTTTTCACTCCTAGGGCCCTCCACTTCTGGCTGGCTCTTCTGAGGTTACCCACCCCTCCACTCCTTTA
 GTCCCTGAATCTATTTGCTAGCAGCCCCCTTCTCTTGTATCTCCTTCCCTTTCCAGTGTCCCCG
 CAGAACAGACACCAGACAGAACCCCCATGGTGTCTCCAGACATCATACTACATTGGGGTTGGTTTC
 TCTACACTCTCATTCTCAGAATGTAAGGGTAGGGACTGTGAGTGCAGCCCCGGCTCTGGGTGGGCTGGA
 GCCTGCTTAGTAATGAAAGTGACTACACTAGTCTACAGGGGTTGCAGCAGGTGATGCATCTGTGTGGCTG
 GTCCAGATGTAATCAGGTCTCAGGGCGGACCCTGGAGCTGCTACGGGTTAGGAAATTGTATGTGCCCTG
 AAACATCCCTTGCTGGGTACCCAGCCTCTGGTGG

Restriction Sites: RsrII-NotI

ACCN: NM_181403

Insert Size: 1059 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: [BC025865](#), [AAH25865](#)

RefSeq Size: 2415 bp

RefSeq ORF: 1059 bp

Locus ID: 107305

UniProt ID: [Q8R105](#)

Cytogenetics: 19 A

Gene Summary: Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in cell growth and differentiation (By similarity).[UniProtKB/Swiss-Prot Function]