

Product datasheet for **MC203838**

Vps28 (NM_025842) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vps28 (NM_025842) Mouse Untagged Clone
Tag: Tag Free
Symbol: Vps28
Synonyms: 1110014J03Rik; CIIA; D730005C08Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC013535

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ACGAGCACCCAGCTTCTGTGCGCATCTCCGGGACTCCAAACGCCCCAGGCTCTTGTGCTGTATAGCTG
CCTGGGCTGCAGGATGTTCCACGGGATCCCGGCTACTCCTGGTGTGGAGCCCCGGGAACAAGCCGGA
GCTGTATGAGGAAGTAAAGCTCTACAAGAATGCTCGGGAGCGGGAGAAGTATGACAACATGCGAGAGCTC
TTTGCCGTGGTGAAGACGATGCAGGCCCTGGAGAAGGCGTACATCAAGGACTGTGTCACCCCAATGAGT
ACACTGCAGCCTGCTCCAGGCTCCTGGTCCAGTACAAAGCTGCCTTCCGACAGGTCCAAGGCTCAGAGAT
CAGCTCCATTGATGAATTTTGGCAAAGTTCAGACTGGACTGCCCACTTGTATGGAGAGGATCAAAGAG
GACCGGCCATCACTATCAAAGACGACAAGGGCAATCTCAACCGTGCATTGCAGATGTTGTTTCGCTCT
TCATTACAGTCATGGACAAGCTGCGTCTGGAGATCCGTGCCATGGACGAGATTACGCCAGACCTGCGGGA
GCTGATGGAGACAATGCACAGAATGAGCCACCTGCCTCCAGACTTCGAGGGCCGCCAGACAGTCAGCCAG
TGGCTGCAGACCCTGAGTGGTATGTCGGCCTCTGACGAGCTGGATGACTCTCAAGTTCGCCAGATGCTCT
TCGATCTGGAGTCCGCTTACAACGCCTTTAACCCTTCCACACGCTAAGCCTCACAGAGACAGGAATG
AGAGTGGTAGAGATGTGACGACTCAGCCCCCAGTGTGTCTACATCCGTCTAGATGCCTATATTGTGCA
GATATCACCCACAATAAATATTTGTCTAACCTTCAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI

ACCN: NM_025842

Insert Size: 666 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).



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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: [BC013535](#), [AAH13535](#)

RefSeq Size: 889 bp

RefSeq ORF: 666 bp

Locus ID: 66914

UniProt ID: [Q9D1C8](#)

Cytogenetics: 15 D3

Gene Summary: This gene encodes a protein which is thought to be a subunit of the ESCRT-I complex (endosomal complexes required for transport), which functions in the transport and sorting of proteins into subcellular vesicles. This complex can also be hijacked to facilitate the budding of enveloped viruses from the cell membrane. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2015]
Transcript Variant: This variant (1) encodes the longer isoform (1).