

## Product datasheet for **MC203125**

### Mvb12a (NM\_028617) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mvb12a (NM_028617) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mvb12a
Synonyms:	1110012M11Rik; Fam125a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC020119  
 GGTCCCTCCGAGGGCTGTAGCTGCCTTCTGAGCTCCCAGGAAGGATGGATCCCGGGACGGACTCGGCGCC  
 GTTGTGCTGGCTTGGTTTGGTCGTCGGCCTCGGCGCCGCCCGCCGGGTTTCAGCGGATCACCTGCACC  
 GTGGAGGGCGGGACGGCCAGCTTCGGCCGAGGCTTCGCGCAGAAAGCCGGCTACTTCCTGTGCCTGAGCA  
 CGCTGGGCATCCCGGAGAACCTCAGGACAATGTGGTAGTGACATGCAGATCGTGATGGACAAGGGCCC  
 ACTGCCGTGAGGCTTCTCTGCAGTCAACGACCCTCAGGATATCAAGGCCTCTGTGTCCAAGAAGAAACGC  
 ATGTGTGTGAAGCTGATGCCCTGGGGACAGCTGACGTGGTTGTGAGTGACGTGAAGCTGAGTGGGAAGA  
 CTAAGACCGTGCCTGGATACCTGCGTGTGGGGACATTGGTGGCTTTGCCATCTGGTGCAAGAAATCCAA  
 AGCCCCAAGGCCGGTGCCCAAGCCCCGACGCTCAGCCAGGACATGCGAGGCCTCTCCCTGGACCCACC  
 AAAGAGCCAGCAAAGGAAGCCACCCAGAGCGGACCCTGTCCAGGCTGGGCTCTCGGGCCTCCACTCTAC  
 GGAGGACCGACTCCATCTATGAGGCATCCAGTCTCTATGGCATATCAGCCATGGACGGAGTCCCCTTTAC  
 CCTGCACCCAAGATTTGAGGGCAAGAGCTGTGGGCCCTTGAACCTGTCTGCTTTTGGGGACCTGACGATC  
 AAATCACTGGCAGACATTGAGAAGGAGTATAACTATGGCTTCGTGGTGGAGAAGACTGCAGCTGCACGCC  
 TGCCCTCCAGCGTCTCATAGACCAGCCCCAGGTGCCACCTGGTCGCCTCCTGCCTTGAGATACTGCTGA  
 TTGACACCCAGCCTCTCTGTCCAAGTGTGCACAAAGGGTCTCTTGCCCTGGTGGTGCAGGGGCGGCCTG  
 GGCAGAGCAGTGGCCTTCTCTCAGAAAGTCTGTGTCTAGAGGCCACATATGCACCAGCAGTAAACGCTA  
 CCTGGGACCCACAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_028617

**Insert Size:** 816 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).



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<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>	<u><a href="#">BC020119</a></u> , <u><a href="#">AAH20119</a></u>
<b>RefSeq Size:</b>	1077 bp
<b>RefSeq ORF:</b>	816 bp
<b>Locus ID:</b>	73711
<b>UniProt ID:</b>	<u><a href="#">Q78HU3</a></u>
<b>Cytogenetics:</b>	8 B3.3
<b>Gene Summary:</b>	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 the ligand-mediated internalization and down-regulation of EGF receptor (By similarity). [UniProtKB/Swiss-Prot Function]