

Product datasheet for MC202648

Mvb12b (NM_175184) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mvb12b (NM_175184) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mvb12b
Synonyms: 2610200O14Rik; 2610528K11Rik; AI414895; Fam125b
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC049129 sequence for NM_175184
 CGAGCTGCGGCGCCGGCTGCAGCCGCCTGGGCCCGGGCCGGCTCCTCCCGCGCCGCCCGGGCGATGAG
 AAGCTGTTCTGCGTCAGACGGAGCCGGACCCCGCCCGCCGACGCCGCGCCGCCAGCGGGGAACA
 GACCAAGCCACCATGCCCGAAGTCAAGGAGCTTTCAGAAGCCTTGCCAGAGACACCGATGACCCCATCA
 CGGGAGTTGGGGTGGTGGCTTCCCGGAACCGAGACCAACAGGCTACGACGTGGTTGCGCAGACAGCAGA
 TGGCGTGGATGCTGATCTCTGGAAGGACGGCTTATTCAAGTCCAAGGTTACCAGATACCTGTGTTTCA
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 ACACATTGCCTGTGGGCTTCATCCCATCCAAGAGACCGTGGATACACAGGAGGTGGTCTTTAGGAAGAA
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 CGGACCAAGCAGGCACCCAGTACACGTTTATCGGGAACTGAACAGCATGGGCATCTGGTACCGAA
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 TTTTCAGAGAAGTTTTCTGCATTCCAGAAAAGTATGCAGCCCTTTGATCTCTTGGGAATCACCATCAAGTC
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 TCATCTGTGGAGTGTCCGACGACAGACAGCTCCATAGGCCTCTGCCTGGTGAAGTCACTGCTGGTGGCA



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GCTGGCTCTGAGAAGAACAGTACAGAGGCACCAACTCGTCACAGCCAGACCCACCCACCATCTAGAAGG
CACCTTCCACCAGGGAGCTGCTGTTTTGAAAAGCCCTTCTGTCCCAGGCCTCAGAATTTGGGCCAGGACA
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TTGTTAAATAAATGTTTGTTTTAACTCGTTAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

AscI-NotI

ACCN:

NM_175184

Insert Size:

954 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: [BC049129](#), [AAH49129](#)

RefSeq Size: 4532 bp

RefSeq ORF: 954 bp

Locus ID: 72543

UniProt ID: [Q6KAU4](#)

Cytogenetics: 2 B

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 (By similarity). [UniProtKB/Swiss-Prot Function]