

Product datasheet for **MC202854**

Vps37b (NM_177876) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vps37b (NM_177876) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vps37b
Synonyms:	2300007F24Rik; AI415429; BC026744
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026744 sequence for NM_177876
 GGCTTGGCGGCCCGAGTGGCGGGCGGCGGCAGCGTCCGAGTGGCGGGATGGCGGGCGCCGTGAGCGAG
 GCGCGCTTCGCGGGGCTGTCGCTGATGCAGCTGCACGAGCTGCTGGAGGACGATGCACAGCTCGGCGACA
 TGGTGGCGGGTATGGAAGAGGCGCAGACGGTTCAGCTTAACAAAGAGATGACCCTGGCTAGCAACCGGAG
 CCTGGCAGAGGGAAACCTTCTGTACCAGCCCCAACTGGATGCTCAGAAAGCTCGCTGACCCAAAAATAC
 CAGGAACCTCCAGTTCTCTTTGAGGCCTATCAGATAAAGAAGACCAAAGATTAGATAAACAGTCTAACCAACG
 CTTCTTGGAGACTCTGTTAGCGCTTCTCAAGCGGAAGGGCAAGATTGAGGAGGACACTGAGAACAT
 GGCAGAGAAGTTTCTGGATGGAGAGCTTCTCTAGATTCTTTATTGATGTCTACCAGAGCAAGCGGAAG
 CTGGCGCACATGCGCCGTGTGAAAGTGGAGAAGCTCCAGGAGCTGGTGTGAAAGGACAGAGACACCCGC
 AGGCCGGGGCCCCGCCACCACCCAGGGTGCCTGAGCCCTCACCTGCCACCGCCCTTCCCTACCCCTCTCT
 GGAGGCCACTGGGCTCCCTTCTGTCGTGCCTCGGCGTATCCCCCCCCCTCACCCCGGTGCCTGCAGGA
 CACGTAGCCACCCCTTTCGCTGCTGCCATGGGCTCGGGACAGGTTTCTGCATACCCGGGATTACAGTGCC
 CACCCCTGCCTCCAGAGTGGGCTCCCTCTCAGCAAGGATTCTCCGCACAGTTGGTGTACCCGTACCC
 ACCAGCCCTGCCCAGAGACCCCTCCACGGATGGCCCCACACCAGCCAGGCTTCATCTGCAGTGAGCT
 CGGGTGCCTGCTCTTCTGCAAGACATCTCTGCCTGCCGTGCCGAGCTCTGCAAACAGAGGCTGTGCGG
 TTCAGCATCTGGGCCAAGGGCTTGGGTGCCCTGGGTGACGCTGCCACCTGATTTTGAAGTGTAGGTCC
 GTGGTAAGTAAGAGAGCAGGTTCTGTGCACCAAGGGAGCGCTGTTTGTGCCAGGCCAGTCTGCATACCT
 CAATCTGTGTTGGGTGTGATTTCTGAGTGTCTCGGGCTGATGGACTTGTGCATTTGGAAAGATTACCC
 ACCCCAGGTTAGAATCCTGGCTCTCCTGTTGCAGCTTTATTTAATAAGCATGATTAATTATGTTTTA
 TTTTCGAGTCTTGGCCACACAGTGCCTGGCGTAGTAAAGACTGGTCTCAGCTGGCCAGCCTGGAATG
 TGTGCCACGGCCAGGCCCTGCTGGGACAGTGTGCTGTTACCGAGTGTGCAGGGCAGCCAGCCAGTA
 ACCTCCCACTCCTGCCATGCTGGGTGCTCTCATGGTTCAAAGCCACAGGCAGAGTTTGCATTGGCTGCT
 GTGAGGTGTGCAGAGGCCAGGCCAAGTGTGGCCCGGGTGCAGGCGCAGTGTGAGCCCTCAGCCCTCCC
 ACACACCTCAAGCCGCTCACGGTTTCTGTGAAGAAGAAAAAAGATACTCAATGTTTTTACTACACTTG
 TAATTTTCTGTTTTATTTTCAAAGAAAACTTTTTGTACTCTCAAGACCATTACAGGAAAACTTTTT
 TAAAAATGCAGATACTGTTTTGAGCTGGTTAAAAAATGCAGATTTATTGAGTGCCGCTTCTGTGCGGC
 AAGCAGTGCACGGTCACATCTGCCAGTGCCGCTGCTGTGCCTTAGCTTCACTGGTGCCAGGACTCGGAGC
 CCGCGCGTGCAGCCGAGTGCCTATGGAGCCGAAGACCAGCTAGGTAGGGCTGGCGGGCCTCGTC
 ACTTTGTGATGGGTGAGGAGTGGTCCATCTTCTCCACCCGGATAATCTCAGGAGCAATGCTGCAGGTG
 CTGGCGTAGGCATGGGAGGGTTTGGGACAGCCCGCCACAGGTTGGCAGTGGCCGCTCCCTCTCT
 CTGGGATGTCATCTGCAGGTGCCACATGTGCAGAGTCCAGGGCCCGGTGGGAGGGGCAGCCCA
 CCTGTTCCAGAAAGAGGGCTGCGAGCCTGTTGGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
 TACAGCCCAAGGTAACACAGTCAAGGCAGCGCTGATTAGTGAGCCTGTCCAGCTGGGCCACCGGAGGG
 CCATCAGCCTTTGTCCTCAAGTTGGACTGTTTTCTCTCCATGGATTTGGACTCTGTACCCTACTGGAAC
 CACTCTGTAAGAGACAAAGCTGTATGTGCCACTTCAGTACCTCTGCCACCAGGAACGCCCACTGCCAGT
 CTCGGGCCGAGCCACATGGGAGCTCCGGGTGGATGCAGTAAAGGGGCCCGCAGGCTGACCTTGGCAGGC
 CATAGCTGGCACTGGGGCTGTAAGCTGTAGAAGTCTTAATAAATTGAGAATTATTAATTTCAAAAAA
 AAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_177876

Insert Size: 858 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: [BC026744](#), [AAH26744](#)

RefSeq Size: 2529 bp

RefSeq ORF: 858 bp

Locus ID: 330192

UniProt ID: [Q8R0J7](#)

Cytogenetics: 5 F

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]