

Product datasheet for **MC202105**

Vps37a (NM_033560) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vps37a (NM_033560) Mouse Untagged Clone
Tag: Tag Free
Symbol: Vps37a
Synonyms: 2210018P21Rik; 4930592A21Rik; AW261445; D8Ertd531e
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC039290 sequence for NM_033560
 GCTGAGCCGGCAAGGCGACCAGGCTAGCTAACCCCGGGTGGTGGTGGCCCGGAGCACACCCGGG
 TTCCGTCAGCCGACGAGTCGCCCTTCTCCAGCCGCCCGCAGTGGTAGCTCGACCCCGGGCCAGGGA
 CTCACGAGCGCGCGTGTGGGAGACGGCGCGCCCTGGGCACCCCGTCCGGGCGGTGCTCGATCGCCCG
 GGAAGCACTGGGCTAAGCGAGGAGCAGCAGGCCAGAACCCTGTAGGGCCTCGGGCCCGGGACCCGAGGA
 GGATGAGCTGGCTCTTTCCCTGGCGAAGAGCGCGTCATCCTCCGCGGCTGGGTCCCTGCCGCGCTCAC
 CAGTCTCCAGCAGCAGAAGCAGCGGCTGATCGAGTCACTCCGGAACCTCCATTCCAGTATAGCTGAAATA
 CAAAAAGATGTGGAATACAGATTGCCATTCACAGTAAACAACCTGACAATTAACATTAATATATTACTTC
 CTCCACAGTTTCTCAGGAAAAGCCAGTGATTAGTGTATCCGCCAATCAGACATCATTTAATGGATAG
 TCAAGGATTATATGTTACCTCTCCATTAGTAAGCAATTTACAATGCACTCAGATCTTGAAAAATTATT
 CAAAGCCTTTGGATGAGTTCTGGAAGAATCCTCCAGTTTCTAGCTCTACTTCAACAACATTTCCATACC
 TGTATAGTAATCCAGGTGGGATGCCTCCGTACCCCTCCCAGGGTTTCCATTTCTCCTCCATATCCTCC
 ACCAGAAGCTAACAGGAATATCACATCCTTGTCTGTAGCTGACACTGTTTCTTCAACCACAAGTTAC
 ACTGCAGCTAAGCCCGTGGCGCCTTCAATTTGGCATCCTTTCAAGTCTGCCATTACCAGTTCCCAACTG
 AATCTTCAGCATCGGTTAACCAAAATGGTTTTGGTTATAAGATGCCGGATATTCCTGATGCATTTCCAGA
 ACTTTCAGAACTAAGTGTGTACAGCTCACAGATATGAATGAACAGGAGGAGGTATTACTAGAACAGTTT
 CTGATGTTGCCTCACTAAAACAATTTACTGACAAGGAAGACTTAGTAAAAAATATCGAGGAATTAG
 CAAGAAAAATCTCCTTTTGAACATAGCTTGAAGGCAAAAGGCAAAACCGTTTTAGATAAGTATGAATT
 ACTTCTACAAATGAAATCTACCTTTGAAAAGAAGATGCAAAGGCAACATGAACTCAGTGAGAGTTGATG
 GCAAGTGTCTACAGGCAAGATTGAAAGTAGCTGCACACGAAGCTGAGGAAGAATCGGATAATATTGCTG
 AAGACTTCTTGGAGGAAAAACTGAAATAGATGATTTTCTCAATAGCTTCAAGGAAAAAGAGAACAATTTG
 CCACTGTAGAAGAGCTAAAGAAGAGAAGCTTACCAGGTGATAGCGATGCACAGCCAATTTATGCTCCT
 CTCTAGATTTTCTGAAACCATGAACTACCAAGAGAGAAATGGGACACAGGCTAAGCACATTGTTTTCT
 ATTTATGACTTAGGGATGGGCACCTTGAACCATGGCTGAGGTCCAGATGCGATGTAGATTGTCTATCACC
 TGAGACTGATCCGTACAGATTAGAATGACTGCTATATTTGACAAAACCTTCTGCACTATTTGCACTAAA
 GATGTTTATTGTTGACAAATCCTGTATTTAAGTTCCTCTATTTCTGATTAACATCTATGCATGTAATTC
 TAGCTAATTTTTAATATTTTTAAAAACTACTGATTTTACATTTTTAGTTTTAACTTGAAGCTGCCTCATT



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ATCAAGAGTGCTTATTACTTAGATTCTTCTTCCTGTCAGCCTTTTCTTTCAAACCTATTTTCAGCTGTG
 AAAAGGTCATCTAGCCCACCCCGATACACACACACATACACACACAGACACACACACACACACA
 CAC
 AACTGTCCAGAGCAGTTTGTTCAGATATTCAGTGTGAGGAAACAGCAGTCCTGCCAAGGTGCCATCTC
 AAGAAAGCAACCTGTAATACCTGCAGTAAATAAGAGTGAAGAATCTACTTTCTTACAGTTTCACTTTCA
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 TGTGTAGCCCACTTAGCCTCAAACCTTGCTTCTCCTCCCTGAGTACAGGTTACAGACAGGTGCCATC
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 ATGCTAACTAAAATAAATAAGTATATATGGGTTTTGGGTAATGATACTCCTTTTATATTCCAAATGTAA
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 GAGTACATATCTGAGGTTGGTAAGTTAGGACCTAAATCACTAAATACCATAACACATAATTGCTCAGTTT
 TCATCCGTGACTGTCATTCCAAAGCCTGCATACATTATGGATTGTCTTCATTTTTCTTACTCTACATATT
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 CATATTCCTGTGACTATAAAGATTATCCCGTGGTATGCACCATGATAGCTGCTGTCTTGCTGGCG
 CTAATGTTAAGGGTATGCTATGGAATCCTCAGGCAGACCTACAGATATAGGTGAGATAACAGGTGGAGTC
 ATGTTTACATTTGTGACCAACTTGGGGCATTGAGAGACTTCTGAGTGTACTGGTATTTGTGTTTAAACA
 TTCCCAGCAGTCACTATAGTCAGTGGAGAAATTTGCCAGTCACAGTCTAGTTGCTTTTAAAAAACAGG
 GATATCCAGAACAAAGAGACCAGCAGTCTTCTTATTAAGGTTTCTGCTAGACACCTCACTCAGTATTGTA
 GAAAGACTACCCAGAGACAACAAGTGTGACACACAAACACACACCACACTTGCACCCAGGCCAGGG
 CATGCTTTTCTTAAATTTGTATTATCCAAGTTTCAATTGTAATGAAGCATAATTTCTCCCTAAAA
 ATTCAGAGAGCCTCTTTACAATCCAGACATTAACCAAGACATTTGACCACAGTTGCTTGCCTTTAGCAA
 GTTGACAAAACAGTTTACAGACATGTTTACTTGTAGTGAATATCTGAATATGCCAGTGTGAATTTGTCAT
 TCTTTATTTGCAGGAGACAGAGTACATGGTTGTAAATTTATGGCCATATTTTTCTTTGTAAAAATTTGGC
 TATAGACTGAATACAAACACATACTCGGATTTTACTTTAGTATAAAGGAAAGCTTAGGAATTACTAGA
 CTACCTAGGTAGAATTTGTCAAGGATATTTAAAGGTAAGCTGTAACAAGTCGGGAAAGTCAAAGTTGGGT
 GAAAATTCAGATTAATGAACAGAGTATAGAACAAGGTTGTTTACCACAGTTTATATATTTAAATTTG
 CAGGACAGCTAAGATTCTGTTGTAGGAGAAAGAAGTAAATGAAGTTGTGCTTTCTGTTCTTTAAGGCA
 GGGTTTCTAGCCAGACTGCGCTCTAATTTGATGTAAGTGGAGTACCTGGCTGTGCGGTCTTCCACC
 TCTTGAGTACTAGGAGCCTAAGCATGTATCACCACCCAGTCTGTGGAGCTTGGGGACTGAGCTCAGG
 GCTTCATGCTGTGAGGAAGGCACTCTTATCTATTGGCCGACCTGCATCCTTAAAGGAATGAAAATTTG
 GGCTGGGAGGTGGCTAAGTGCTAACTTGTGTGTCATGCAAGCATGAGGGACCCGATTCAAATTTCTTAGG
 ACCTATATAAAAACTGGTACATGGTAGAACAGGCCTGAAATTCATCACTCCTATACAGGAGAGGAATG
 AGAGACTTGTCCCAGGAAGCTTTGCAGGCCAATTTATATAGTAGGCAGAAATGGCAGCCAGTGAGGCCCTT
 GTTACAAAACAGGTCGGGGCACGGCCTGACACCTGTTGTTTCAGTGTCTCTCACTTCAGCACTGAAGGT
 TGCTGGGAGGTTTTGTTTTGTTTAAAGTTGCCAAATGACTTGTTCAAACATGATCAAAATTAATAAATCAAT
 TGAGCTGTAACATTAAGGTTGGGAAGTAAATGTCCTGAATAAGTTATATATTTTGAAGTATTCTCTGAA
 CACTGCACATAAATAAAAAACCTCACAACTGAAGCTTCATTTAGAGTGAACATGTAGTACTAGAGGTT
 TCTAGTTGAATCGACCATGACTTATCCAGGGACTCTGAAAGGCAGGCTGCAGTGAGCATGTGTAGCTTCA
 GTATTGACTTGTAAAAAATAAAAAATGACTCCATGAACATACCTAAATATGTCTTGTAAAGGGATGGA
 GGGAAACAAAAGCGTGTGGCTCTGATGCTAATAAAGGTGTACATTAAGGTAAGGTAAGGTAAGGTAAGG
 ACATACTGCTTGTTCCTAAATATGTAGTACAGTTTGGCATAGATGATTTTTTCTTTGTTGTTGACC
 TATTGTCTAAAGAGCAGGTAATAACAATGGCGAAACAGCCAGGCGTCATGACACACACCTTCAATGCC
 AGCACTTAGGTGGCAAAAGCAGGCAGGTCCTGAGTTTGGAGTGCAGCCAGGGCTACAGAGTCAGATGTTG
 TCTTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
 ACCN: NM_033560
 Insert Size: 1194 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:	<ol style="list-style-type: none">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:	BC039290 , AAH39290
RefSeq Size:	4998 bp
RefSeq ORF:	1194 bp
Locus ID:	52348
UniProt ID:	Q8CHS8
Cytogenetics:	8 23.89 cM
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]