

Product datasheet for **MC205161**

Vamp1 (NM_001080557) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vamp1 (NM_001080557) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vamp1
Synonyms:	lew; Syb-1; Syb1; VAMP-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fullly Sequenced ORF: >BC057587
AGTTCGGGTGTTTCGTGTGAGGCGGCTCGACAGTTCGCTCTGCTTCAGCCGAGTGTCTCCCTGCC
GTCTCGTTGCATTCTCCAGAGAGGGGACGGACCTCCACTTCCTTTTCAGAAAAATGTCTGTCCAGCTC
AACCGCCTGCTGAAGGGACAGAAGGAGCTGCCCTGGTGGGGTCTCTGGTCTCTCCCAACATGAC
CAGTAACAGGCGGTTACAGCAGACCCAGGCACAAGTGGAGGAGGTGGTGGACATCATGCGTGTGAATGTG
GACAAGTCTTGGAGAGGGACCAGAAGTTGTAGAGCTGGATGACCGGGCTGACGCCTTGACAGCCGGAG
CATCACAATTTGAGAGCAGTGTGCCAAGCTAAAAAGGAAGTACTGGTGGAAAACTGCAAGATGATGAT
CATGCTGGGAGCTATCTGTGCCATCATCGTGGTAGTGATTGTAAGTAAGTATCGCTGAGGTGCTGATGG
GGTGAAGAGGTGGGAAGGTCTGGAGACTTCTCCAGCCCTGCCTGCCTGCCTGCCTGCCTGCCTGGGGA
GTGGGGCCGCTCTGCAGAGGTATGGAGACGGCTACTGGGGGATCGTCTGTGGTTTGGGAGGGAGGAAGG
GCAAAAACAAGGACATTCTTGATGGACAAGCCGCCCTGCAAAGGATTGTGGGAGATTGCCCTTCT
GCTGAGGAGTGGGTTGAGCTGTTTGCCACTAGCTTGGGTCCAAGGAGACCTTGGGCTGGGGTGCCGTG
TACTGAGAGACTGAATGTCTGGTGATGTGCTGTAACCTTGGCTCTGTTCTCTCTCTCTCTCTCTTTTTC
CTTCTCCGTCTGGGACTTGCTGGTTCTGTGTCCAGTCTACTTTTTTACTTGAGAATGTGCCATCCCTTC
CCTGTTCTCCATTGCCACCAAGCTCATGTCTCTTCCCTCTGTTTGCTTTCTCAACAAACTCCTCCATC
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CTCAAACTAGAAATGTGCTCGTGGTCCAGTCTGAAGTCACTACCCGAAGACAACGGCTGGCACCTCC
TCCTTACCCATTTATCGTGTGCTGGAGCTTAAAAGAGTTGTGGCCAAAGGAAGGAGGGGGCCGGGAAT
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ATGTGTATATGCACATGTATATGTACATGCACATGTATATGTATATATTAGTTGGGAAGTGTGTCTTA
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CCTTTTAGAAAAAGTCAGACTTGATTTTTGTAGTACTCTTTACATGTCAGTACAGGATTTTCTGTGTCT
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ATTTGATGTTATTATCATGAAGGCACCAATAATTTAGGGAATCAGGGGCTTGGAAAAACAAGCTTTCA
GGAGTGTGCTTCTTGCCATCTCACTAATGAAAGGCTGTCCCTCCCTGTTGTTGATCAGCAGAAATGAG
AGCTGCATGGCAAGACTCCAGGCTGCCACAGAACACTTTCCTCACACTACCTGTATGTAACAGGGG
GGAGGCAGGAGGGCCTTTCCAGAGTTAGAGAAGTCCACTGTCCCGAGCTCAGTTTTGGATAGGAGGGT
CCAGGCTGTGTTGGTGTGCCGTTGCGTGTGTCGCGCATGGGCCTCGCATCCGAGCTGCCTGCCACTC
TTCCGTTAGTCTCCCTGCAGCCGCTGTGCCATCCATTCTGCATTGCCCTCTGTCTTCTACTCCCTTG
CATGCTGTGTTTGTGGAGCCGAGGATAGGAGCTGCACAGTCTGTCTCGGGGCTTCTTCTAGTGTGATG
ATAGGATCCCGCATGGGACAAAGCCAGGTGCCCGCGGGTGGAGGGCAGGTTGGGAAGGAGGGCAATG
TTCTCAGACCTCTATTCTTCTGTGCTCTGGTCCACAACTGGAGGAGGCAGGGCCGTGCTAGGCCGGG
GTCCACTTCCCACGCAGCAGCCTTTCGTTCTGCAGAGCCATCGATCCTTCTTTCCCTTGGCCCATTTTC
CACCTTCCCTTCGTGCTGCCTCAGGGCAGGGCTGAAGAGCTGGAAGAAAGCAGTCACTGTAGCCTCCCAA
TGTCCTCCGAAGGTCTCCACTCTGCTCTGGGCTTCCCTTTGCCTAGTGCAGGGAGCCATCTCTGGAGAAG
AAGCAACACTGTCTTGGTGTGTCCCAAGCCTGGAGCGTATGTTCCCTGTTGGCCACCCAGCCCCAGCA
CGGAATTATTTCTGGGTTTCTGTCCATCTAAGGCTTAGGTGTAGTTGGCATTGTTTCTTCTGGGGGTG
TAGTCCTTCTACTTTCTATCTCACCTCACCTGAACCCCTTCTGTGCTCTGCACTTCTCTCCCTC
CCACCACCATGTGCATGAGCAAAATATGCAGTAACCTGGGACTTTCAGTCACTGATGCAATACCTCTGCTCT
TCACATCTCTCTTTGTTTGGCATGGGATGATGTGGGGCTTCATCTGCTGTCATTACCTCTGCTCTCT
CCACTAACCCAGTCTCACAGTTATGTATAGTAAGAGTTGACTTCCACCAAAAGGCATGTGACATAT
TTACCAATCTCATGTATTCTCAACAAAGGCGAAAAATACAAATTCCTACCACAAAAAAGGAAAAAAGGAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM 001080557

Insert Size: 354 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC057587</u> , <u>AAH57587</u>
RefSeq Size:	3013 bp
RefSeq ORF:	354 bp
Locus ID:	22317
UniProt ID:	<u>Q62442</u>
Cytogenetics:	6 59.32 cM
Gene Summary:	Involved in the targeting and/or fusion of transport vesicles to their target membrane. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains an alternate 3' terminal exon compared to variant 1. It encodes isoform b, which has a shorter and distinct C-terminus, compared to isoform a.