

Product datasheet for **MC202306**

Vamp1 (NM_009496) Mouse Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Vamp1 (NM_009496) 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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Fully Sequenced ORF: >BC049902 sequence for NM_009496
 GTGAGGCGGCGCTCGACAGTTCCGTCTGCTTCAGCCGAGTGTCTCCCTGCCCGTCTCGTTGCATTCTCC
 AGAGAGGGGACGGACCTCCACTTCTCTTTTCAGAAAAATGTCTGCTCCAGCTCAACCCGCTGCTGAAGGG
 ACAGAAGGAGCTGCCCTGGTGGGGTCTCTGGTCTCTCCCAACATGACCAGTAACAGGCGGTTAC
 AGCAGACCCAGGCACAAGTGGAGGAGGTGGTGGACATCATGCGTGTGAATGTGGACAAGGCTTGGAGAG
 GGACCAGAAGTTGTCAGAGCTGGATGACCGGGCTGACGCCCTGCAGGCCGGAGCATCACAAATTTGAGAGC
 AGTGCTGCCAAGCTAAAAAGGAAGTACTGGTGGAAAAACTGCAAGATGATGATCATGCTGGGAGCTATCT
 GTGCCATCATCGTGGTAGTGATTGTAATCTACTTTTTTTACTTGAGAATGTGCCATCCCTTCCCTGTCTC
 CATTGCCACCCAAGCTCATGTCTCTTCCCTCTGTTTGCTTTCTCAACAACTCCTCCATCCTCCGTCTC
 CCATCCTGGCCCAGGCTTCTCCATGACCCTTCTTTACTGTTGCGTTTCAATTTGCACCCTTCTCAAACT
 AGAAATGCTGCTCGTGGTCCAGTCTGAAGTCACTACCCGAAGACAACGGCTGGCACCTCCTCCTTACCC
 ATTTATCGTGTGCTGGAGCTTAAAAGAGTTGTGGCCAAAGGGAAGGAGGGGGCCGGGAATGGCAGAGGT
 GAAGTGTCTGAGAAGTTAGCATAGCTGAGGGGAGGAGAAGGATTTTGTGTCATGGTGTCTCCAAGAAA
 GGCTGGCCTTTGGCAGGAGGGGAGCAAGAATAGTTGGGAAGTAGTGTGCTGCCAGTGCATGTGTATA
 TGCACATGTATATGTACATGCACATGTATATGTATATATTAGTTGGAACTGTTGCTTATTTGAACT
 TTTCTCCATACAGGCCCTGCCTTTGGTCCCAGAGGTCTGTTTAAAGACCAACTCAAATCCCTTTTAGA
 AAAAGTCAGACTTGTATTTGTAGTACTCTTTACATGTACAGTACAGGATTTTCTGTGTCTGTGGGGAAC
 TTTACAGCCTTTTCGCTCGCTTTGTTCTCTGTAGGCCTAGGAAAGGCGTACTTTCTGGTTGTAACACACC
 AGGACTCTTACCTTCTCTAGAACCCATCCCACATGCTTCTTTCATGTACCTGAAGCATTTGATGT
 TATTCATGAAGGCACCAATAATTTTCAGGGAATCAGGGGCTTGGAAAAAACAAGCTTTTCAGGAGTGTGC
 TTCTTGCCATCTCACTAATGAAAGGCTGTCCCTCCCTTGTGTTGATCACGAGAAATGAGAGCTGCATG
 GCAAGACTCCCAGGCTGCCACAGAACACTTCTCCACTACCTGTATGTAACACGGGGGAGGCAGG
 AGGGCCTTTCCAGAGTTAGAGAAGTCCACTGATCCCGCAGCTCAGTTTTGGATAGGAGGGTCCAGGCTGT
 GTTGGTGTGCCGTTGCGCTGCTGTGCGCATGGGCCTCGCATCCGAGCTGCCTGCCACTTCCGTTAG
 TTCTCCCTGCAGCCGCTGTGCCATCCATTCTGCATTGCCCTCTGTCTTTCACTCCCTTTCATGCTGTG
 TTTGTTGGAGCCGAGGATAGGAGCTGCACAGTCTGTCTCGGGGGCTTCTTCTAGTGTGATAGGATCC
 CGCATGGGACAAAGCCAGGTGCCCGGGGTGGAGGGCAGGGTGGGAAGAGGAGGCAATGTTCTCAGAC
 CTCTATTCTTCTGTGCTCTGGTCCACAACTGGAGGAGGAGGGCCGTGCTAGGCCGGGGTCCACTTC
 CCACGCAGCAGCCTTTCGTTCTGCAGAGCCATCGATCCTTCCCTTCCCTTGGCCATTTTCCACCTTCCC
 TTCGTGCTGCCTCAGGGCAGGGCTGAAGAGCTGGAAGAAAGCAGTCAAGTGTAGCCTCCCAATGTCCCCCG
 AAGGTCTCCACTCTGCTCTGGGCTTCCCTTGCCTAGTGCAGGGAGCCATCTCTGGAGAAGAAGCAACAC
 TGTCTTGGTGTGCCAAGCCTGGAGCGTATGTTCCCTGTTGGCCACCCAGCCCCAGCAGGGGAATTA
 TTTCTGGGTTTCTGTCCATCTAAGGCTTAGGTGTAGTTGGCATTGCTTCTTGGGGGTGTTAGTCCTT
 CTACTTCTATCTCACCTCACCTGAACCCCTTCTGTGCTCTGTCAGTCTTCTCTCCCTCCCACCACCC
 ATGTGCATGAGCAAAATGCAGCTAACCCCTGGGACTTTGCAGTCAAGTGAAGCCAAGCTTCCACATCTC
 CTCTTTGTTTGGCATGGGATGATGTGGGCTTCCATCGTGTCTGTATTACCTCTGTCTTTTCTAACC
 CAGTCTCACAGTTTATGTATAGTAGTAAGAGTTGACTTCCACCAAGGCATGTGACATATTTACCAATC
 TCATGTATTCTCAACAAAGGCGAAAAATACAAATTCCTACCACAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009496

Insert Size: 357 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: [BC049902](#), [AAH49902](#)

RefSeq Size: 2578 bp

RefSeq ORF: 357 bp

Locus ID: 22317

UniProt ID: [Q62442](#)

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 (1) encodes the longer isoform (a).