

Product datasheet for **MC225631**

Vamp5 (NM_001080742) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vamp5 (NM_001080742) Mouse Untagged Clone
Tag: Tag Free
Symbol: Vamp5
Synonyms: AF119384; Camp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225631 representing NM_001080742
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGGGAAAGAAGCAATGCCAGCAGCAGCGGACGAAGTGACGGAAATCATGCTCAACAATT
TCGACAAGGTCTGGAGCGTCACGGCAAGCTGGCGGAGTTGGAGCAGCGTTCAGACCAGCTCCTGGACAT
GAGTTCGGCCTTCAGCAAGACAACCAAGACTTTAGCCCAGCAGAAGCGCTGGGAAAATATCCGGTGCCGG
GTCTACTTGGGGCTAGCAGTGGCTGTTGGCCTGCTCATCATCCTGATTGTGTTGCTGGTCTTTCTTC
CGAGTGGTGGGACAGTAGTAAACCATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001080742

Insert Size: 309 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



[View online »](#)

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:	<u>NM_001080742.2, NP_001074211.1</u>
RefSeq Size:	1538 bp
RefSeq ORF:	309 bp
Locus ID:	53620
UniProt ID:	<u>Q9Z2P8</u>
Cytogenetics:	6 C1
Gene Summary:	<p>May participate in trafficking events that are associated with myogenesis, such as myoblast fusion and/or GLUT4 trafficking.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>