

## Product datasheet for MR202515

### Vamp7 (NM\_011515) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vamp7 (NM_011515) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vamp7
Synonyms:	Sybl1; TI-VAMP; VAMP-7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202515 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCATTCTTTTTGCTGTTGTTGCCAGGGGAACCACTATCCTTGCCAAACATGCTTGGTGTGGAGGAA  
ACTTCCTGGAGGTGACAGAGCAGATTCTGGCTAAGATACCTTCTGAAAATAATAAACTAACTTACTCACA  
TGGCAATTATTTGTTTCATTACATCTGCCAAGACAGGATTGTGTATCTTTGTATCACTGATGATGATTTT  
GAGCGTTCGAGCGTTCAGTTTTTTGAATGAAGTAAAGAAGAGATTCCAGACAACCTACGGTTCAGAG  
CACAACTGCCTTCCTTATGCTATGAATAGCGAGTTTTCAAGTGTGGCTGCACAACGAAGCATCA  
CTCTGAGAATAAGAGCCTAGACAAAGTATGGAGACTCAAGCACAAAGTGGATGAAGTAAAGGAATATG  
GTCAGAAACATAGATTTAGTTGCTCAACGTGGAGAAAGGTTGGAATTGCTGATAGATAAAACAGAAAACC  
TTGTGGATTATCTGTCACCTTTCAAACTACCAGCAGAAATCTTGCTCGAGCCATGTGTATGAAGAATAT  
CAAGCTCACTATCATCATCATTGTATCAATTGTGTTTCTATATCATTGTGTCACCTTCTGTGGT  
GGGTTTACATGGCCAACTGTGTGAAGAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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:** [NM\\_011515.5](#)

**RefSeq Size:** 2595 bp

**RefSeq ORF:** 663 bp

**Locus ID:** 20955

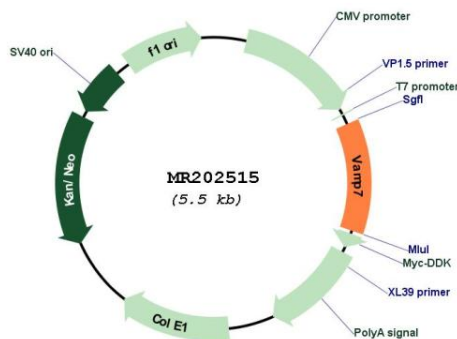
**UniProt ID:** [P70280](#)

**Cytogenetics:** X

**MW:** 25 kDa

**Gene Summary:** Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR202515