

Product datasheet for **MG200534**

Vamp1 (BC049902) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vamp1 (BC049902) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Vamp1
Synonyms: lew; Syb-1; Syb1; VAMP-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200534 representing BC049902
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGCTCCAGCTCAACCGCCTGCTGAAGGGACAGAAGGAGCTGCCCTGGTGGGGTCTCTGGTC
 CTCCTCCCAACATGACCAGTAACAGGGGTTACAGCAGACCCAGGCACAAGTGGAGGAGGTGGTGGACAT
 CATGCGTGTGAATGTGGACAAGGTCTTGGAGAGGGACCAGAAGTTGTCAGAGCTGGATGACCGGGCTGAC
 GCCTTGCAGGCCGGAGCATCACAATTTGAGAGCAGTGTGCCAAGCTAAAAGGAAGTACTGGTGGAAAA
 ACTGCAAGATGATGATCATGCTGGGAGCTATCTGTGCCATCATCGTGGTAGTGATTGTAATCTACTTTT
 TACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200534 representing BC049902
 Red=Cloning site Green=Tags(s)

MSAPAQPPAEGTEGAAPGGPPGPPNMTSNRRLQQTQAQVEEVVDIMRVNVDKVLERDQKLSLEDDRAD
 ALQAGASQFESSAAKLKRKYWWKNCKMMIMLGAICAIIVVVIVYFFT

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	BC049902 , AAH49902
RefSeq Size:	2578 bp
RefSeq ORF:	356 bp
Locus ID:	22317
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]