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Product datasheet for MC209927

Vamp4 (NM_016796) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vamp4 (NM_016796) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vamp4
Synonyms:	D1Ertd147e; Vamp-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209927 representing NM_016796 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCCTCCCAAGTTCAAGCGCCACCTAAATGATGATGACGTGACCGGGTCTGTGAAAAGTGAGAGGAGAA ATCTTTTGGAAGATGATTCAGATGAAGAAGAGGACTTTTTTCTACGGGGACCATCTGGACCAAGATTTGG ACCTAGAAATGATAAAATTAAGCATGTTCAGAATCAGGTGGATGAAGTTATTGATGTAATGCAAGAGAAT ATTACAAAGGTAATTGAAAGAGGAGAGAGGCTGGATGAACTACAGGACAAATCAGAAAGCTTATCGGATA ATGCCACCGCTTTCAGCAACAGATCCAAACAGCTTCGAAGGCAAATGTGGTGGCGTGGATGCAAAATAAA AGCCATCATGGCTTTGGCTGCAGCGATCCTTTTGCTAATGATTATCACTCAGATCATCCTGCACTTGAAA AAATGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_016796
Insert Size:	426 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).

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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:	NM_016796.3, NP_058076.2
RefSeq Size:	2532 bp
RefSeq ORF:	426 bp
Locus ID:	53330
Cytogenetics:	1 70.29 cM
Gene Summary:	Involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules. May be a marker for this sorting pathway that is critical for remodeling the secretory response of granule (By similarity).[UniProtKB/Swiss-Prot Function]

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