

Product datasheet for SC317355

VAPA (NM_194434) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VAPA (NM_194434) Human Untagged Clone
Tag:	Tag Free
Symbol:	VAPA
Synonyms:	hVAP-33; VAMP-A; VAP-33; VAP-A; VAP33
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317355 representing NM_194434. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGGCGTCCGCCTCAGGGCCATGGCGAAGCACGAGCAGATCCTGGTCTCGATCCGCCACAGACCTC
AAATTCAAAGGCCCTTCACAGATGTAGTCACTACAAATCTTAAATTGCGAAATCCATCGGATAGAAAA
GTGTGTTTCAAAGTGAAGACTACAGCACCTCGCCGGTACTGTGTGAGGCCAACAGTGAATTATTGAC
CCAGGGTCAACTGTGACTGTTTCAGTAATGCTACAGCCCTTGACTATGATCCGAATGAAAAGAGTAAA
CACAAGTTTATGGTACAGACAATTTTGTCCACCAAACACTTCAGATATGGAAGCTGTGTGAAAAGAG
GCAAAACCTGATGAATTAATGGATTCCAAATTGAGATGCGTATTTGAAATGCCCAATGAAAATGATAAA
TTGAATGATATGGAACCTAGCAAAGCTGTTCCACTGAATGCATCTAAGCAAGATGGACCTATGCCAAAA
CCACACAGTGTTCACCTAATGATACCGAAACAAGGAACTAATGGAAGAGTGTAAAAGACTTCAGGGA
GAAATGATGAAGCTATCAGAAGAAAATCGGCACCTGAGAGATGAAGGTTTAAGGCTCAGAAAGGTAGCA
CATTCGGATAAACCTGGATCAACCTCACTGCATCCTTCAGAGATAATGTACCAGTCTCTTCTTCA
CTTCTTGTGTAATTGCAGCCATTTTCATTGGATTCTTCTAGGGAAATTCATCTTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_194434
Insert Size:	750 bp



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_194434.2
RefSeq Size:	6859 bp
RefSeq ORF:	750 bp
Locus ID:	9218
UniProt ID:	Q9P0L0
Cytogenetics:	18p11.22
Protein Families:	Transmembrane
Protein Pathways:	Tight junction
MW:	27.9 kDa
Gene Summary:	<p>The protein encoded by this gene is a type IV membrane protein. It is present in the plasma membrane and intracellular vesicles. It may also be associated with the cytoskeleton. This protein may function in vesicle trafficking, membrane fusion, protein complex assembly and cell motility. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1.</p>