

Product datasheet for SC322221

AVPI1 (NM_021732) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: AVPI1 (NM_021732) Human Untagged Clone
Tag: Tag Free
Symbol: AVPI1
Synonyms: PP5395; VIP32; VIT32
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322221
GCAGGAAGCCCAGAGCTGCGCCTGCCCTTTCTGAAGGCTGTGGAAGAGGTTGGAGTGGCC
GCATCTTAGCTTGCCCCATCCCCATTTGAGGTCTGTTCGGAGCTGCCCTTCAGTGTGAGCA
TCCACAATGGGTACCCACGCTCGGTGGTCAGTGAGCCACCCCTTGGCAGGCCCGATT
GAGGCCCGGGCCGCAAGCAGGCCTCAGCCAACATCTTCCAGGACGCCGAGCTGCTGCAG
ATCCAAGGCTGTTTCAACGCAGCGGGACCAGCTGGCCGAGGAACGGGCACAGATCATC
TGGGAATGTGCAGGGGACCACCGTGTGGCTGAGGCCCTCAAGAGGCTGCGCAGGAAGAGG
CCCCAAGGCAGAAACCCTGGGCCACTCGCTACACCACTGCAGCCGCTCAGAATCCTG
GAGCCCCACTCTGCACTGGCCAACCCACAGAGTGCCACAGAGACAGCCTCCAGTGAGCAG
TATCTGCACTCTAGGAAGAAAAGTGCCAGGATCCGCCGGAAGTGGAGGAAGTCAGGCCCC
ACAAGCTACCTCCACCAGATCAGACACTGATCCAGGGAAAGAGCCAGGAATGGCAGTGTC
TTCCCTCTTGCCAAAAGCCTGGGGAGGTGAAGGAAGAGAGACTTTAGGCAAGCAGCCCA
AAGGGTAAATGAAAGCAAGAGGCTGCTGCCACTGACCTGCTCCATTCAGAAACAAGACTG
GATGCTTCTGTTGAGCTCTCATTATGTGGGACCCATTCCTACCAAAATGAGGAGAGAC
AGTGACTGTTCTGCCACAGTCTTCCCAGTCTAACACTATTCCTGGGCTGCATGATATT
CCCCTGGGAGCAAAGTGACAGGCACTTAGATGCAGCATTTCCACCACTCATGCTACTAATC
ATCTACCTGCTACTACTGTAAACCATGGTTCCAGCAGCCTGTTCCACACCCCCACACCAT
CAGGATAGCACAGGAAACTGTAGTTTAAAGTGGCAAATAAAAAACATTTGCATCAAAAAA
AAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_021732



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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:	<u>NM_021732.1</u> , <u>NP_068378.1</u>
RefSeq Size:	1387 bp
RefSeq ORF:	444 bp
Locus ID:	60370
UniProt ID:	<u>Q5T686</u>
Cytogenetics:	10q24.2
Gene Summary:	May be involved in MAP kinase activation, epithelial sodium channel (ENaC) down-regulation and cell cycling.[UniProtKB/Swiss-Prot Function]