

Product datasheet for **SC112923**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112923 sequence for NM_021732 edited (data generated by NextGen Sequencing)

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ATGGGTACCCAGCCTCGGTGGTCAGTGAGCCACCCCTTGGCAGCCCCGATTGAGGCC  
CGGGGCCCAAGCAGGCCTCGGCCAACATCTTCCAGGACGCCGAGCTGCTGCAGATCCAA  
GCCCTGTTTCAACGCAGCGGGGACCAGCTGGCCGAGGAACGGGCACAGATCATCTGGGAA  
TGTGCAGGGGACCACCGTGTGGCTGAGGCCCTCAAGAGGCTGCGCAGGAAGAGGCCCCCA  
AGGCAGAAACCCCTGGGCCACTCGCTACACCACTGCAGCCGCCTCAGAATCCTGGAGCCC  
CACTCTGCACTGGCCAACCCACAGAGTGCCACAGAGACAGCCTCCAGTGAGCAGTATCTG  
CACTCTAGGAAGAAAAGTGCCAGGATCCGCCGGAAGTGGAGGAAGTCAGGCCCCACAAGC  
TACCTCCACCAGATCAGACTGA
```

Clone variation with respect to NM_021732.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_021732 unedited GATTTGTATACGACTCACTATAGGCGGCCCGCAATTCGCACGAGGACGCCCCCTCCCTG TCTCCCACCGATGATTGGCGCACGGAACCTCCGCCTTGGGTTTGGAAAGGCTCGCCTGGGAG CTCATACCTGGCTAGGGCCGAGGATTGGCTGTTCCGGGGCTAGGGAGCGCTTTCTCCCGG GAACCCGGCTGTGACCAAGTGGCCCGGACCAGTTTGGGGCTGCGTGCGGCCTGCCTCA AGCAACCAGGTACGTAGGTGGCGGCCAGCTCGGCGCTGCGGTGGGAGCCGGAGGGCGA CAGTCAGAGCCGGGGTGCCAGCGGGACCGGCCAGATCCACTTAGGACCCCGTCGTT CTGCGAAGCGGCCACGTCTGAGTCCCGGGCCTCCTCGTGTGCAGATGTCGCCTTAGGA CCTCGGCCAGGATACCCTCTGCCATGCTCTTGTGCTGCCCGTGATCACCGACTGGCCCTT GTAAGCACCTTCGCAGCAGGAAGCCAGAGCTGCGCCTGCCCTTCTGAAGGCTGTGAA GAGTTGGAGTGGGCGCATCTTAGCTTGCCCCATCCCCATTTGAGGTCTGTGGAGCTGC CCTTCAGTGTGAGCATCCACAATGGGTACCCAGCCTCGGTGGTCACTGAGCCACCCCT TGGCAGGCCCGATTGAGGCCGNGCCGAAGCAGGCCTCGGCAACATCTCCAGGAC GCCGAGTGTGCAGATCAAGCCCTGTTCAACGCAGCGGGACCAGCTGGCCGAGAAC GGCACAGATCATCTGGNGATGTGCAGGGGACCCCGTNGTGGGCTGAGCCCTCAGAGGC TGCGCGAAAGAGCCCCAAGCANAAACCCCTGGCC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_021732 unedited CGGCCGAATCTANAGTCGAGTT TTTTTTTTTTTTTTGAAGCAAAGTTTTTATTTGCCACTTAACTACAGTTTCCCTGTG CTATCCTGATGGGGGGGGGGTGAACAAGCTTCTGGAACCCTGGTTTACAGTAATAAC AGGTAAATGATTAATAACCTGAGTGGGAAAAGCTGCATTTAAATGCCTGTCACCTTGT CCCACGGGAATATTATGCCCCCAAGAATATTGTTAACTGGGAAAGACTGTGGCAAGAA CAAACACTGTCTTTCCTATTTTGGGGAGGAAAGGGTCCACATAATGGAAGAACTCAACA AAAACCTCCCATCTTTTTTAAATGGAACAAGTCAATGGCAACAACCTTTTGCTTTTATT TACCCCTTTGGGCTGGTGCCTAAAATTTTTTTTTCTTTACCTCCCAAGCCTTTTGGCA AAAAGGAAAAAAGTGCCTTCTGGCTTTTCCCTGGATCAAGGGCTGAACTGGGGGAAG GAACTTGTGGGCGCTGACTTCTTCAATCCGGCGGATCCTGGCACTTTTTTCTAAAA TGCAAATACTGCTCACTGGAGGCTGTCTCTGTGGCACTCTGTGGGTTGGCAATGCAAAA TGGGGCTCCAAGATTCTAAGCGGCTGCAATGGTGTAAACCAATGGCCAAAGGTTTCTGC CCTTGGGGCCTCTTCTGCGCAGCTCTTGAAGGCCTAACACAGGGGGTCCCCTGACAT CCCAAATGAATGTGCCCGTTCTGGGCACCTTGTCCGCTGGGTTGAACAAGGCCTTGAT CTCACACCTCCCCTTCTGNAAAATGTGCCAGCCTGCTTGGGCCCGCCATTGGGCCTG CCAAGGTGCTTACTGACCCGAGCTGGGGCCATGGGATC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_021732
Insert Size:	1640 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).
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_021732.1](#), [NP_068378.1](#)

RefSeq Size: 1387 bp

RefSeq ORF: 444 bp

Locus ID: 60370

UniProt ID: [Q5T686](#)

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]