

Product datasheet for **SC107213**

SVH (ARMC10) (NM_031905) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SVH (ARMC10) (NM_031905) Human Untagged Clone
Tag:	Tag Free
Symbol:	SVH
Synonyms:	PNAS-112; PNAS112; PSEC0198; SVH
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031905, the custom clone sequence may differ by one or more nucleotides

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ATGGGTGGCCCCGGGGCGGGCTGGGTGGCGGGCCCTGCTGCTCGGCGGGCGCCTGCTACTGCA
TTTACAGGCTGACCCGGGGTGGCGGGGGCGACCGGAGCTCGGGATACGCTCTTCGAAGTCCGCAGG
TGCCCTGGAAGAAGGGACGTCAGAGGGTCAGTTGTGCGGGCGCTCGGCCGGCCTCAGACGGGAGGTACC
TGGGAGTCACAGTGGTCCAAGACCTCGCAGCCTGAAGACTTAACTGATGGTTCATATGATGATGTTCTAA
ATGCTGAACAACCTCAGAACTCCTTTACCTGCTGGAGTCAACGGAGGATCCTGTAATTATTGAAAGAGC
TTTGATTACTTTGGGTAACAATGCAGCCTTTTCAGTTAACCAAGCTATTATTCGTAATTGGGTGGTATT
CCAATTGTTGCAAAACAAATCAACCATTCCAACCAGAGTATTAAGAGAAAGCTTTAAATGCACTAAATA
ACCTGAGTGTGAATGTTGAAAATCAAATCAAGATAAAGATATACATCAGTCAAGTATGTGAGGATGTCTT
CTCTGGTCTCTGAACTCTGCTGTGCAGCTGGCTGGACTGACATTGTTGACAAACATGACTGTTACCAAT
GACCACCAGCACATGCTTCACAGTTACATTACAGACCTGTTCCAGGTGTTACTTACTGGAATGGAAACA
CGAAGGTGCAAGTTTTGAACTGCTTTTGAATTTGTCTGAAAAATCCAGCCATGACAGAAGGACTTCTCCG
TGCCCAAGTGGATTATCATTCTTTCCCTTTATGACAGCCACGTAGCAAAGGAGATTCTTCTTCGAGTA
CTTACGCTATTTCAGAAATATAAAGAACTGCCTCAAATAGAAGGCCATTTAGCTGTCAGCCTACTTTCA
CTGAAGGTTTCATTGTTTTCTGTTACATGGAGAAGAATGTGCCAGAAAATAAGAGCTTTAGTTGATCA
CCATGATGCAGAGGTGAAGGAAAAGGTTGTAACAATAATACCCAAAATCTGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031905 unedited
 AGGTCAACAATTTGTAACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCCAGGTC
 AGGTGGCGTTTGTGTGGCGGCTAGGCCCGCTGCGCTGGAGACCTCCGCGCTGGCCCC
 GCGAGCCTCCTGCCCTGGCCCGGCGCTGCGGCTCTGCCGCGGGCAGCATGGGTGGCC
 CCGGGCGCGGGCTGGGTGGCGGGGCGGCTGCTGCTCGGCGGGGCGCCTGCTACTGCAT
 TTACAGGCTGACCCGGGTGCGGCGGGGCGACCGCGAGCTCGGGATACGCTCTTCGAA
 GTCCGCGAGAAGACTTAACTGATGGTTCATATGATGATGTTCTAAATGCTGAACAACCTCA
 GAAACTCCTTTACCTGCTGGAGTCAACGGAGGATCCTGTAATTATTGAAAGAGCTTTGAT
 TACTTTGGGTAACAATGCAGCCTTTTCAGTTAACCAAGCTATTATTCTGTAATTGGGTGG
 TATTCCAATTGTTGCAAAACAAAATCAACCATTCCAACCAGAGTATTAAAGAGAAAGCTTT
 AAATGCACTAAATAACCTGAGTGTGAATGTTGAAAATCAAATCAAGATAAAGATATACAT
 CAGTCAAGTATGTGAGGATGTCTTCTCTGGTCTCTGAACTCTGCTGTGCAGCTGGCTGG
 ACTGACATTGTTGACAAACATGACTGTTACCAATGACCACCAGCACATGCTTCACAGTTA
 CATTACAGACCTGTTCCAGGTGTTACTTACTGAAAATGGAACACCNAAGGTGCAAGTTTT
 GAAACTGCCTTTGAATTTGTCTGAAAAATCCAGCCATGACAGAAAGACTTCTCCGTGCC
 AAGGGATCATCATTCTTTCCCTTATGACAGCACGTAGCAAAGAGAATCTCCTTCCATA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031905 unedited
 ATTCAACCAACTGGTCTAAANATGGACATTGTGATTGATCACACTATTTTATATGTAACA
 TTGAATGGAGTGGGTGAGTCTAGGAACATTCTCTCTAAAAGTTTACATTTTTCATTGA
 CTAGAAGTGACCAAAATAGATTCTACTGATGAGAAAAGACTTTTGAAAGCAGTATGGTCA
 GGTGGCAGGTGAATGGCCTCAAGAGCTTAGGATTTTCTGCTACTAAAAGAACAAGACT
 ATTCAGTTGTGAAACAATGATTTAGTCAAATACTGATGCTGTCTCAGATGAGTAAGTCA
 AATCACTTCAAAAAGGTAGAAGGGTAGCTTAAATGTGAAAAGGTTACTGCCACTTCATGT
 AGGGAAGATAACAAGCATTGCAAAATAGCAAAATAGAAAAGAAATAAATGGTTTCAGTACA
 AACTCTTATATCACTTGGCATCAAAATAGTCCAAAATAAATCTGAGAACCACGGCAAGT
 TATAGCTGTGTTAATGACAAAATGTGATATCTACTGTTTAAATTTAGCAGCTGGGAGAAT
 CCCCTTAAAGGAGACAGAAATACATTTATATCCAGACTGCATTACTCTTTTGGAAAATT
 GACCCAATCAGATTTGGGTATTATTGTTACAACCTTCCCTCACCTCTGCATCATGGTGA
 TCAAACATAAGCTCCTATTTTCTGGCACATTTTTTCCATGTACAGGAAAACATGAACCT
 TCAATGAAAGTTGGCTGCCAGCTAAATGGCCTTTTTATTTTGGAGCCGTTCTTTATATT
 CTGAAATAGCGTAGTTCCCTCAAGGAAGATCTCCCTCGTACGTGGCTGTCTTAAAGGAAA
 AGAATGATGATTCCCTTGGGCCCGGAAACCCTTTCCTTGTGTAATTTACCCAATTCA
 AACCGTTCAAAATTGCCCTTTGGGTTTCATTTCCGAAGTAAACCTGGACACGGTTTATTG
 AATCGGAAACTGTGTTGGCCGCTTGTAAACCCTGTTTGAACAAGTGTCTCCACCACCT
 GTCTATCAACTTTTGAACCCAAAACATCTCCCACTCCG

Restriction Sites:

NotI-NotI

ACCN:

NM_031905

Insert Size:

1880 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:	<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_031905.2 , NP_114111.2
RefSeq Size:	2629 bp
RefSeq ORF:	1032 bp
Locus ID:	83787
UniProt ID:	Q8N2F6
Cytogenetics:	7q22.1
Domains:	DUF634
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a protein that contains an armadillo repeat and transmembrane domain. The encoded protein decreases the transcriptional activity of the tumor suppressor protein p53 through direct interaction with the DNA-binding domain of p53, and may play a role in cell growth and survival. Upregulation of this gene may play a role in hepatocellular carcinoma. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 3. [provided by RefSeq, Sep 2011]</p> <p>Transcript Variant: This variant (A) represents the longest transcript and encodes the longest isoform (a).</p>