

Product datasheet for **SC122748**

Advillin (AVIL) (NM_006576) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Advillin (AVIL) (NM_006576) Human Untagged Clone
Tag:	Tag Free
Symbol:	Advillin
Synonyms:	ADVIL; DOC6; NPHS21; p92
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006576 edited
GGCACGAGGCGAGGGATTACGCGCAAATGAGACTGTTTCGTGAGTGATGGCGTCCC GG
TGCTTGCCGGTGTGGCCGCCCGGGAGAGCCCGGGCAGAGCAGAGGTGCTCATCAGC
ACTGTAGGCCCGAAGATTGTGTGGTCCCGTTCCTGACCCGGCCTAAGGTCCTGTCTTG
CAGCTGGATAGCGCAACTACCTCTTCTCCACTAGTGCAATCTGCCGATATTTTTTTTTG
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CTGCAGCCAGCTTTGTCTGCTGCCCTGTACTATTTAGTGGTCCAAGGCAAGAAGGGGAA
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AACTGTCCTTTCCGGCTGGGGAGACAGAATCTCTAGCCGACATTGTTTTGTGGGAGCC
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TGGTTCAGACTGAGTACCCAGGAACCATGTCAGCGAGCTGCAGAGACTGACTGAAA
CAGCAAGGTGCCTGGCTCTCCGGCCTTACCTCCAAAAGCAGCCCGAGCCAGCCCGCT
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ATCGGGAAGGACTCCTCCAGGATGAGCAAAGCTGCGCAGCCATATATACCACACAGCTG
GACGACTACCTGGGAGGAGCCCTGTGACGACCCAGAGGTTCCAGTACCATGAGTCAGAC



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ACTTTCCGTGGCTACTTCAAGCAGGGCATCATCTACAAGCAGGGGGTGTGCGCTCTGGG
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TCAAAGGACCTAGAGTAGGCTGGAGTGCTTGTGGCAGCACATATACTAAAAC TGAA
TGATACAGAGAAGATTAGCATGGTCCCTGTGCAAGGATGGCATGCAAATTCATGAAGCGT
TTGATATTA

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- Restriction Sites:** Please inquire
- ACCN:** NM_006576
- Insert Size:** 3147 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_006576.2](#), [NP_006567.2](#)
- RefSeq Size:** 2711 bp

RefSeq ORF: 2460 bp

Locus ID: 10677

UniProt ID: [O75366](#)

Cytogenetics: 12q14.1

Gene Summary: The protein encoded by this gene is a member of the gelsolin/villin family of actin regulatory proteins. This protein has structural similarity to villin. It binds actin and may play a role in the development of neuronal cells that form ganglia. [provided by RefSeq, Jul 2008]