

Product datasheet for SC111312

SSH3 (NM_017857) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SSH3 (NM_017857) Human Untagged Clone
Tag: Tag Free
Symbol: SSH3
Synonyms: SSH3L
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_017857 edited

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CGACTCACTATAGGGCGGCCGCAATTCGACAGAGGGCGGGTTGAGGGAAGGGGCCGT
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AGGAGTCGACTCCAGCGAAGGCAGAGCTTTGCGGTGCTCCGTGGGGTGTCTCTGGGACTG
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CCGAGTGAGGAGGAGCTCCACGGGGACCAGACAGACTTTGGGCAAGGATCCCAGAGTCCC
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ACACATGCCACGCTCCCTGACACTGAAGAGGATCCACAACCTTGGAGAAACCCCT
CACGTCTGTTGCCGCACACATTCCTCTCAGCTCC

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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_017857 unedited</p> <pre> TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCGGGGTTGAGGGA AGGGGCGGTGCCCGGTGCCAGCCAGGTGCTCGCGGCCTGGTCCATGGCCCTGGTCACA GTGAGCCGTTTCGCCCCGGGCAGCGGCCCTCCACGCCGTGGGGCCCTGGGACCAGGCG GTCCAGCGAAGGAGTCCGACTCCAGCGAAGGCAGAGCTTTGCGGTGCTCCGTGGGGCTGTC CTGGGACTGCAGGATGGAGGGGACAATGATGATGCAGCAGAGGCCAGTTCTGAGCCAACA GAGAAGGCCCGAGTGAGGAGGAGCTCCACGGGGACCAGACAGACTTTGGGCAAGGATCC CAGAGTCCCAGAAAGCAGGAGGAGCAGAGGCAGCACCTGCACCTATGGTACAGCTGCTG AGGCCGCAGGATGACATCCGCCTGGCAGCCAGCTGGAGGCACCCCGGCCTCCCCGGCTC CGCTACCTGCTGGTAGTTTCTACACGAGAAGGAGAAGGTCTGAGCCAGGATGAGACGGTC CTCCTGGGCGTGGATTTCCCTGACAGCAGCTCCCCAGCTGCACCCTGGGCTGGTCTTG CCCCTCTGGAGTGACACCCAGGTGTAAGTACTAGATGGAGACGGNGGCTTCAGCGTGACGTC GGTGGGCAAGCCGGATCTCAAGCCATCTCCATCCAGACCATGTGGGCCACACTTCAGGT ATTGCACCAAGCATGTGAGGCAGCTCTAGGCAGCGGCCTTGTCGGGGTGGCAGTGCCCC TCACTGGGCCAGNCACTACCAGGAGAGACTGGACTNCGACAGAGCTGCCTCATGAGTGGA CGGCTATGCCGACCTGNAGTTTTGCNGNCTCCAGCGCCGAGCTGGCGGGTCTCAAACAG NACAGATGGACAGCGATCGTGCTGACTG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_017857 unedited</p> <pre> ATGCAACGCGCGCGCTTTTCTACATCCCAGTTCTTCTTTTTTTTTTTTTTTTCATGAAA ATGTGTTCTATTTCTACCCCAAAGCCACATCCTGCCAGGCTATGAAAACTGACTACCA CAGCCCAAGAAAAAACACTATCTCTGCCCTGGTGCCTGCCATCTGGCGCGGACGCC ACACCACGACCGCGACAGCACCACACTGCACCGCCGAGGGCATGAGGGAACCCA TCCGCCACCCCTCCACCCTCCCGCGGTGCCGCTGAGGATCCTGCCTGCCTTTGGCGC CACTGCCCCGATGGACCGCATGGCTCCAGGACTGACCTGCCACAGGACCGCAGCCGCC CGAAGGCGCCGCCACGGCAGGGGAACCCCTCCCTCGCCCCACCCCTCGTCTCCCTCCC CCGTCCACGCGACTGCGCCCCGTACACCCGCCATGACCCCCGCCCCGTTCCCCCAC AGGCCCTTATCCTTCCCCCCCCCTCCCCCCCCAGTCCACTCCACCGCCCTCCCC ACCTGCCTCCGTCACTCCCTGCCGCCACAGTCAACGTTTCTCATCCCCACCCCTT CCTTCCCCCTCCCCACCCCTCTCCCTCCCTTACTCTTCCCTTCAACCCACC CTTTTACCCTCCCTCTAACTCCCTCTTCCCCCCCCCCCCCTCCACCCCTTCCA TCTTCCCTCATCCCTCCACTTCTCCCCCTCCCTTCTTCCCTTCCCTTCCCTTCCCT CTCCTCCCATTCCTTCTTCCCCCCCCCCCCCTCCCTTCCCCCCCCCTTCTTTTT CCTTTTCCCCCTCCCTTCCCTTCCCTTCCCCACCCATTCTACTACT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_017857
Insert Size:	2870 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_017857.2 , NP_060327.2
RefSeq Size:	2808 bp
RefSeq ORF:	1980 bp
Locus ID:	54961
UniProt ID:	Q8TE77
Cytogenetics:	11q13.2
Domains:	DSPc
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Regulation of actin cytoskeleton
Gene Summary:	The ADF (actin-depolymerizing factor)/cofilin family (see MIM 601442) is composed of stimulus-responsive mediators of actin dynamics. ADF/cofilin proteins are inactivated by kinases such as LIM domain kinase-1 (LIMK1; MIM 601329). The SSH family appears to play a role in actin dynamics by reactivating ADF/cofilin proteins in vivo (Niwa et al., 2002 [PubMed 11832213]).[supplied by OMIM, Mar 2008]