OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223338

Ssh1 (NM_198109) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ssh1 (NM_198109) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ssh1
Synonyms:	AW551225; Gm1394; Gm1395; SSH-1; SSH-1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

```
>MC223338 representing NM_198109
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTTGGTGACCCTTCAGCGCTCTCCCACGCCCAGCGCCGCGTCTTCCTCCGCAAGCAACAGCGAGT
TGGAGGCTGGCAGCGATGAAGAACGGAAATTGAACCTCAGCTTGAGTGAGAGCTTTTTCATGGTGAAAGG
AGCTGCCCTCTTCCTACAGCAGGGAAACAGCCCACAGGGCCAGCGGAGTCTTCAGCACCCTCACAAGCAT
GCAGGTGATCTGCCTCAGCACCTGCAAGTGATGATCAACCTCCTGCGTTGTGAAGACAGAATCAAGCTGG
CCGTGCGCCTAGAGAGTGTCTGGACCGACCGTGTCCGCTACATGGTCGTGGTATACACCAGCGGGCGCCA
GGACACCGAGGAGAATATTCTGCTGGGAGTTGACTTTTCCAGTAAGGAGAGCAAAAGCTGCACGATCGGA
ATGGTTCTTCGACTCTGGAGCGACACCAAGATTCACCTCGATGGGGACGGCGGGTTCAGTGTGAGCACAG
CGGGCAGGATGCACATATTCAAGCCAGTGTCTGTCCAGGCCATGTGGTCTGCCCTGCAAGTGCTTCACAA
GGCCTGCGAAGTGGCCCGGAGGCATAACTACTTCCCAGGAGGAGTGGCGCTCATCTGGGCCACCTACTAT
GAGAGCTGCATCAGCTCGGAGCAGAGCTGCATCAATGAGTGGAATGCCATGCAGGACCTGGAGTCCACGC
GGCCCGACTCCCCCGCGCTGTTTGTGGACAAGCCAACCGAGGGCGAAAGAACTGAGCGCCTCATTAAAGC
CAAACTCCGGAGCATCATGATGAGCCAGGACCTTGAAAATGTGACTTCTAAGGAAATCCGAAATGAGCTG
GAGAAGCAAATGAACTGCAACCTGAAGGAGTTCAAGGAATTCATCGATAACGAGATGCTGCTCATCCTGG
GCCAGATGGACAAGCCCTCCCTCATCTTTGACCATCTTTATCTTGGCTCCGAGTGGAATGCATCCAATCT
GGAGGAGCTGCAGGGCTCAGGAGTTGACTACATTTTAAATGTCACTAGAGAAATAGACAATTTTTTCCCC
GGCTTGTTTGCGTACCATAACATCCGCGTGTACGATGAGGAGACCACAGACCTTCTTGCCCACTGGAATG
AAGCTTATCATTTCATAAACAAAGCGAAAAGGAATCATTCCAAGTGCCTGGTCCATTGCAAGATGGGCGT
CAGCCGATCTGCGTCCACAGTCATTGCCTACGCCATGAAGGAGTTCGGCTGGCCCCTGGAGAAAGCGTAT
AACTACGTGAAGCAGAAACGTAGTATCACTCGGCCCAACGCAGGCTTTATGAGGCAGCTGTCTGAGTACG
AAGGCATCCTGGATGCAAGCAAACAGCGGCATAACAAACTATGGCGCCAGCAGCCCACAGATGACACCAT
CGCAGAGCCCAGTGAGTTCTTGCCAGAGACCTTGGACGGAGCCCTGGACGCTCAGCTGCCCTGTTTGGAT
```

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

GATACCACCCACCCTGGGCTCCCGAGAAGTCTGGCCCCAGGAGGACCCGCTCTCCCCTGTTGTTTTCGAA
GACTCTCGGACCCCCTCCTCCTTCCCCACCATGATGAAACGGGTGGCCTGGTCCACTTAGAGGATCTCGA
GAAGGATGCTCTGTTAGAGGAGGAGGAGTCTCAGCCAGTGGAGGTGCACAAGCTGGTTCAGCATCCCCAG
GAAGGTGCCAGGCTGTGTGAAAAGGACGTAAAGAGGAAACTGGAGTTTGGGAACTCCAAACCCCGCAGTG
ACTCCTTGCCTCAGGTGGAGGAGCTGGAGAAGGACGGTAGCCCAAGAACGGGGAGGTGGAGGCGGGCCTC
CACCCAGCTCGATAGAAGCTTGCTCGACCAGGAAAACCTAAATAACAACAACAGCAAGAGGAGCTGTCCC
GATGACTTGGAGCGCGATGCCATGTTTGGAATTCTCAGCAAAGTGAAGCCTCCCTACACATCCTGTGCCG
ACTGCATGTACCCCACAGCTGGTGGGACTCCCGAGGCCTACATGGAGCGACACGAAGACCCCAGCTCCTC
TGCTATCTGCACCCAGCCAACCTTCCTCCCCCATGTCACGTCTTCCCCAATGGCCCACGCGAGCAGCAGG
TCCCGAGCTCCGGAGAGGCCGGCCTCGGGTCCAGCCAACACCTCTCCATTCCTACTACCAGCAGGCTCCA
GGAAGCCAGATGTCAGTGGCTCTGGAGCCGGGGCTGCCCCGGAACCACCAGCAAGCCTTCTAGAGCCTTC
CAGAGAGACCTCAAAAGCCCTTCCAAAATCTCTCCAGTTGAAGAATCCTCACTGTGACAAGAACGCTGCC
AATATGGAGGTGTCGGCGAAGGAAGAACCGTCGCCTAAGAAAGATCCCAAGCCGGCTAAGGACCTGAGGC
TTCTGTTCAGTAACGAGGCGGAGAAGCCCACCACCAACAGCTACCTGATGCAGCATCAGGAGTCCATCAT
CCAACTGCAGAAGGCAGGCCTGGTCCGAAAGCACACCAAAGAGCTGGAGAGGTTGAAGAGCCTGCCTTCA
GACTCACCAGCTGCCTGCAGGGACAGCGCCACCTGCAGGCTGGAGGCCAGCATCCCGGAGGAGGGTAGCC
AGGAGCCCGCACACCCAGCCCTGTGCAGCCAAGCTGGGTCGGAAGAACAGCCTGTAGGGGGAACCTTGCA
GAAGAGCCCCACGTCTACCCTCCCCCGTTTAGATCACACCAGTAACTTCTCGAAGGACTTCCTGAAGACC
GTGTGTTACACCCCCACCTCCTCCTCCATCAGCTCCAACCTGACCCGGAGCTCCAGCAGCGACAGCATCC
ACAGCGTCCGAGGGAAGCCTGGGCTGGTGAAGCAGCGGGCGCAGGAGATCGAGACGCGGCTGCGCCTGGC
AGGCCTCACCGTGTCGTCCCCGCTGAAAAGGTCCCATTCCCTTGCCAAGCTGGGAAGTCTCAACTTCTCC
ACGGAGGACCTGTCCAGCGAGGCTGACACATCCACCATCGCTGACTCGCAGGACGCCAAGTGTGGTCTCT
CCTCTTCCTTCTTGCCCGAACCCCAGTCTGCGCCAAGGGACCCCGCTGCAACCTCTAAATCATCAGGGAA
ATCTGCCCCAGAACACTTGAAAAGCCCGTCGAGGGTAAACAAAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198109

Insert Size: 3129 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_198109.4, NP_932777.2

RefSeq Size: 3174 bp

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

RefSeq ORF:	3129 bp
Locus ID:	231637
UniProt ID:	Q76I79
Cytogenetics:	5 F
Gene Summary:	Protein phosphatase which regulates actin filament dynamics. Dephosphorylates and activates the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly. Inhibitory phosphorylation of cofilin is mediated by LIMK1, which may also be dephosphorylated and inactivated by this protein. [UniProtKB/Swiss-Prot Function]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US