

Product datasheet for **MC220132**

Ssh3 (NM_198113) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ssh3 (NM_198113) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ssh3
Synonyms:	BC028922; mSSH-3L; SSH-3; SSH-3L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220132 representing NM_198113
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGGTCACAGTGAAGTGCCTCGCCGCGGCAAGTGGCACTCCACGCCTGTGGGACCCACGAGG
 ACCGAGTGGTAAGACGCAGAGGCCGGCTCCAGCGCAGGCAGAGTTTTGCGGTGCTCCGAGGGGCTGTCT
 GGGACTTCAGGATGGAGGGGACAGTAATGTTGCATCTGAGGCTGACTCTGAGCCAATGGAGGAACCTCA
 GGTGAGGAACAGCCCACCGAGGACCAGACTGACAAAGGGCAAGGACTCCAGAGTCCCTGGAAACAAGTGC
 AAAAGCGGCACCTGCACCTCATGGTGGAGCTGCTGAGGCCGAGGATGATATCCGCCTGGCAGCCCAGCT
 GGAGGCAGCCCGACCCCCAGACTTCGCTACCTGCTGGTAGTATCCACGGGAGAAGAACTGAGTGAGGAG
 GCCATCTGCTTGGGGTGGACTTCCTGACAGCAGTTCACACAGCTGCACCCTGGCCTGGTCTTGGCCC
 TCTGGAGTGATACCCAGGTGTACCTGGACGGCGATGGGGCTTCAGTGTGACATCTGGTGGTCAAAGCCG
 AATCTTCAAGCCTGTCTCTATCCAGACCATGTGGGCCACTGCAGGTATTGCACCAGGCATGTGAGGTA
 GCTCTAGGCAGTGGCCTTGTGCCTGGTGGCAGTGCCTTGCCTGGGCTACTTACTACCAGGAGAACTCA
 ACTCTGACCAGGGTTGCCTCAATGAGTGGATGGCCATGTCTGACCTGGAGTCTTTTCGACCACCTAATGC
 TGAGCCTGGACAGGCTTCAGAGCAGGAAAAGATGGAGCAGGCGATCCTGGCTGAATTGTGGCAGGTGTTG
 GACACCAGTGACCTGGACAGTGTCACTTCTAAAGAGATCCGTCAGGCCCTGGAGCTGCGTCTGGGATGTC
 CTCTCCAGCAGTACCGTGACTTTATTGACAACCAGATGTTGCTGCTCATGGCCAGCAAGACCGGGCCTC
 TCGCATCTTCCCCACCTACTTGGGCTCTGAGTGGAAATGCTGCCAACCTGGAGGAACTTCAGAAAAAC
 AGAGTAAGTACATCTTGAACATGGCCCCGGGAGATTGACAACCTTCTCCCTGAGCGCTTCCACTATTACA
 ATGTACGTGTCTGGGATGAGGAATCGGCACAGCTTCTGCCCACTGGAAGGAGACACATCGATTCAATTGA
 GGATGCCAGAGCACAGGGCACTCGGGTGTAGTCCACTGTAAGATGGGTGTCAGCCGTTCTGCCGCCACG
 GTACTAGCCTATGCCATGAAACAGTATGGCTGGGACCTGGAGCAAGCCCTGATCCACGTGCAGGAGCTCC
 GGCCATTGTACGCCCAACCACGGCTTCTGCGCCAGCTACGGACCTACCAGGGCATTCTGACTGCCAG
 CCGGCAGAGCCACGTCTGGGAGCAGAAAGTGGGTGTTGCTCTCCAGAGGAGCCCTGGCGCTGAAGTT
 TCTACACCATTGCCACCTCTCCACCAGAACCAGGGGCGAGTGGGGAGGTGATGGTAATGGGCTGGAAG
 GAAGCCAGGAAACCCAAAAGAAGAACTGGACTGCGGCCCGCATCAACCTTCGAGGGGTGATGCGCTC
 CATCAGTCTCCTGGAGCCCTCAGAGTCAGAGAGTACCCAGAGGGGGAGGCCTGCCAGAAGTTTCTCT
 TCAGATGAAGAGCCTCTCATCCATTCTCTCAGCTTTCAAGAGCCAAAGGTGGCCAGCGGGTCCGCAAGG
 GGCTTGGCCTGCCTGAAGTCTCGACAGTCTGTGGTTGCCCTTATAGTGTGCCTGGTGGCCAGCAG
 GACACGGGCTTCCAAGAACAGGGGCAAGGGCAAGAGCAGAGCGAGCCTGGTATGTCTTCTACCCCTAGG
 CTCGGGAAGGTGATGAGGCAGGCCAGTGTAGATGACAGCAGGGAGGAGGACAAGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_198113
- Insert Size:** 1950 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_198113.2](#), [NP_932781.1](#)

RefSeq Size: 2728 bp

RefSeq ORF: 1950 bp

Locus ID: 245857

UniProt ID: [Q8K330](#)

Cytogenetics: 19 A

Gene Summary: Protein phosphatase which may play a role in the regulation of actin filament dynamics. Can dephosphorylate and activate the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1).