

Product datasheet for **RN205341**

Ssh3 (NM_001012217) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ssh3 (NM_001012217) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ssh3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205341 representing NM_001012217
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGGTCACAGTGAAGTGCCTCGCCACCGCAAGTGGCACTCCACGCCTGTGGGACCCACGGACC
 GAGTGATAAGACGCAGAGGCCGGCTCCAACGCAGGCAGAGTTTTGCTGTTCTCCGAGGGGCTGTCCTGGG
 ACTTCAGGATGGAGGGGAAGGAATGATGCAGCTGAGGCTGACCCTGAGCCAATGGAGAAGCCCTCAGGT
 GAGGAGCAGCCCGCTGAGGACCAGACTGACAACGGGCAAGGGTCCAGAGTCCCTGGAAACAAGTGCAGA
 AGCGGCACCTGCACCTTATGGTGGAGCTGCTGAGGCCACAGGATGATATCCGCCTGGCAGCCAGCTGGA
 GGCAGCCCGACCCCAAGGCTTCGCTATCTGCTGGTAGTGTCCACAGGAGAGGGTCTGAGTGAGGAGGAG
 ACCATCCTTCTGGGGTGGACTTCCTGACAGCAGTTCACACAGCTGCACCCTGGGCTGGTCTTGGCCC
 TCTGGAGTGATACCCAGGTGTACCTGGATGGTGTGGGGCTTCAGTGTGACATCTGGTGGTGCAGAGCCG
 AATCTTCAAGCCTGTCTCTATCCAGACCATGTGGGCCACACTGCAGGTATTGCACCAGGCATGTGAGGTG
 GCTCTAGGCAGTGGCCTTGTGCCTGGTGGCAGTGCCTTGCCTGGGCCACTCACTACCAGGAGAACTGA
 ACTCTGACCAGGGTTGCCTCAATGAGTGGATGGCCATGTCTGACCTGGAGTCTTTTCGACCACCTAATGC
 TGAGCCTGGACAGGCTTCAGAACAAGAGCAGATGGAACAGGCAATCTTGGCTGAATTGTGGCAGGTGTTG
 GATGCCAGTGACCTGGACAGTGTACGTCTAAAGAGATCCGTCAGGCCCTGGAGCTGCGTCTAGGATGCC
 CTCTCCAGCAGTACCGTGACTTTATTGACAACCAGATGCTGCTGCTCATGGCCAGCAAGACCGGGCCTC
 CCGCATCTCCCCACCTCTACTTGGGTCTGAATGGAATGCTGCCAACCTGGAGAACTTCAGAGAAAC
 AGGTAAGTACATCCTGAACATGGCCCCGGGAGATTGACAACCTTCTCCCCGAACGATTCACCTATCACA
 ATGTACGTGTCTGGGACGAAGAGTCAGCACAGCTGCTACCCACTGGAAGGAGACACATCGATTCAATGA
 GGATGCCAGAGCACAGGCCACTCGGGTGTAGTCCACTGTAAGATGGGCGTCAGCCGTTCTGCTGCCACG
 GTACTGGCCTATGCCATGAAACAGTATGGCTGGGGCCTCGAGCAAGCCCTGATCCACGTGCAGGAGCTCC
 GGCCATTGTACGCCCAACCCTGGCTTCTGCGCCAGCTACAGACCTACCAGGGCATTCTGACTGCCAG
 CCGGCAGAGCCACGTCTGGGAGCAGAAAGTGGGTGTGGTCTCCCCAGAGGAGCCCTTGGCACCTGAAGTT
 TCTACACCATTGCCACCTCTCCACCAGAACCAGGGGCGAGTGGAGAGGGGATGGTTATGGGCCAGAAAG
 GAAGCCAGGAAACCCAAAAGAAGAGCTTGGACTGCGGCCCGCATCAACCTCCGGGGGTCATGCGCTC
 CATCAGTCTTCTGGAGCCCTCCTCAGAGCCAGAGAGTACCACAGAGGCTGGAGACCTGCCAGAAGTTTTC
 TCTTCTGATGAAGAACCTTTCATCCCTTCTCAGCTTCAAGAGCCAAAGGTGCCAGCGGGTCTGCA
 AGGGACCTTGGCCTGCCCTGAAGTCTCGACAGTCTGTGGTTGCCCTTCATAGTGTGCCCTGGTGGCTAG
 CAGGGCACGAGCCTCCAGGGGCAAGGGCAAGGGCAGGGCCAAGAGCAGAGGGAGACTGGTACATCTTCT
 ACACCTAGGCTCCGGAAGGTGATAAGGCAGGCCAGTGTAGATGACAGCAGGGAGGAGGGCAAGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001012217
- Insert Size:** 1959 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_001012217.1](#), [NP_001012217.1](#)

RefSeq Size: 2722 bp

RefSeq ORF: 1959 bp

Locus ID: 365396

UniProt ID: [Q5XIS1](#)

Cytogenetics: 1q43

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 (By similarity). [UniProtKB/Swiss-Prot Function]