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# Product datasheet for RN213661

## Ssh2 (NM_001107024) Rat Untagged Clone

### Product data:

**Product Type:** Expression Plasmids

**Product Name:** Ssh2 (NM_001107024) Rat Untagged Clone

**Tag:** Tag Free

**Symbol:** Ssh2

**Vector:** pCMV6-Entry (PS100001)

**E. coli Selection:** Kanamycin (25 ug/mL)

**Cell Selection:** Neomycin

**Fully Sequenced ORF:**

>RN213661 representing NM_001107024
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCCTTAGCACTTTGGCCGACGAAAGGAAAGCGCCCCCTGCCAGCACCTGCAGCCTCGGTGGCCCCG
ACATGATCCCCTACTTCTCTGCCAATGCGGTTATCTCGCAGAACGCCATCAACCAGCTCATCAGCGAGAG
CTTTTTAACTGTCAAAGGTGCTGCCCTTTTTCTACCACGAGGGAATGGCTCGTCTACACCACGAATCAGC
CACAGACGCAACAAGCATGCAGGAGATCTCCAACAGCATCTTCAAGCAATGTTCATATTACTCCGCCCAG
AAGACAACATAAGGCTGGCTGTAAGACTGGAAAGTACTTACCAAAATCGAACACGCTATATGGTAGTGGT
TTCAACTAACGGTAGACAAGACACTGAAGAAAGCATTGTCCTGGGAATGGATTTTTCTTCTAATGACAGT
AGCACTTGTACCATGGGCTTGGTCTTGCCTCTCTGGAGCGACACCCTAATTCATTTGGATGGTGATGGTG
GGTTCAGCGTGTCAACAGATAACAGAGTTCACATATTCAAGCCTGTATCTGTGCAAGCAATGTGGTCTGC
ACTACAGAGTTTGCACAAAGCTTGTGAAGTGGCCAGGATGCATAACTACTATCCAGGCAGCCTTTTTCTC
ACTTGGGTGAGTTACTATGAGAGCCACATAAACTCAGACCAGTCCTCAGTCAACGAATGGAATGCTATGC
AGGATGTGCAGTCTCATCGGCCTGACTCTCCGGCCCTCTTCACAGACATACCAACTGAACGTGAGCGAAC
AGAAAGGCTTATTAAGACTAAGTTAAGGGAGATTATGATGCAAAAGGATTTGGAGAATATCACATCCAAA
GAGATACGCACAGAACTGGAAATGCAGATGGTGTGCAACTTGCGGGAGTTTAAGGAGTTCATAGATAACG
AGATGATCGTGATCCTGGGTCAGATGGACAGTCCGACCCAGATATTTGAGCACGTGTTCCTGGGCTCAGA
ATGGAATGCGTCAAACTTAGAGGACTTGCAGAACCGAGGGGTGCGGTATATTTTGAATGTCACTCGAGAG
ATAGATAACTTCTTCCCTGGAGTCTTTGAGTATCATAACATTCGAGTATATGATGAAGAGGCAACAGATC
TCCTGGCTTACTGGAATGACACTTACAAATTCATCTCTAAAGCAAAGAAACATGGATCTAAATGTCTTGT
GCACTGCAAAATGGGGGTGAGTCGCTCAGCCTCCACTGTGATTGCCTATGCGATGAAGGAGTATGGATGG
AATCTGGATCGCGCCTATGAGTACGTGAAGGAACGACGAACAGTGACCAAGCCCAACCCCAGCTTCATGA
GACAACTAGAAGAATACCAAGGGATCTTGCTGGCCAGCAAACAGCGGCATAACAAACTCTGGAGATCTCA
TTCAGATAGTGACCTCTCAGACCACCACGAACCCATCTGTAAACCTGGGCTCGAGCTCAACAAGAAGGAG
ATGACCACTTCAGCAGACCAGATCACTGAGGTGAAGACTGTGGAGAGCCTTGCAGCCATGCCTCCCGTCT
TCATGGAACATGTGGTCCCACAAGATGTAAATCAGAAAGGACTGCGCACCAAAGAAAGAGTCATCTGCTT
GGAGTTTTCTTCACAAGAGTTTCATGCCGGCCAGATTGAAGATGAATTAAACTTAAATGACATTAATGGA



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TGCTCGTCAGGGTGTTGTCTCAGCGAATCAAAATTCCCTCTTGACAACTGCCATGCATCTAAAGCCTTAC
TCCAACCTGGACAGGCCCCGGACATTGCCAACAAGTTCCCGGACTTAGCGGTGGAAGACTTGGAGACAGA
TGCACTGAAAGCAGACGTGAGGGTCCACTTACTGCCAATGGAAGAGTTGACATCGAGACTGAAAGACCTC
CCTATGTCACCTGATCTGGAGTCACCAAGCCCCCAAGCCGGTTGCCAAGCTGCCATCTCTGATTTTAGTA
CAGATCGCATTGATTTTTTTAGTGCCCTAGAGAAATTTGTAGAGCTTTCTCAGGAAACCCGGTCTCGGTC
TTTTTCTCACTCAAGGATAGAAGAATTAGGAGGAGGAAGGAGCGAGGGCTGTCGCCTGTCGGTGATGGAA
ATGGCACCTTCAGAAATGGTGACTGATGACCAGAGAAGCAGCTCTTTGAGTGATACTCCCCACGCATCTG
AAGAGTCTTCTGTGGATGAGGACCAGCCGAAGGCAGTCTCAGAACTTGTCAGCCCAGACATCATCATGCA
ATCTCACTCAGAAAATGCAATTTCAGTCAAAGAAATTGTCACTGAAATTGAGTCCATTAGTCAAGGAGTT
GGGCAGGTTCAGTTAAAAGGAGACATCCTCTCTAACCCATGCCATACACCAAAGAAGAACATCATTCATG
AGCTGCCCCTGGAGAGAGTACAAGGCCCTGAGAACAAACCTGGACATTTGGAGCAGGATGAGAGTTTCTG
TAGTGTCCAACTAGAACTAGCCAGAGACTCGGGGAAGTGTGCCCCAGAGGAGGGCTGTCTGGCCACACTC
TCGTCCACAGGAGACTTGGAAGAAGAGGAACCAGTTGAGGGTGAACATGACTGGGGCCCAGGGACACACC
CTGGTGCCAAGTGGTGCCCTGGGTCTGTGAGGCGAGCCACCCTGGAGTTTGAAGAGCGCTTGCGACAAGA
GCAGGAGAACCATGGGACAGCCTCTCCAGGTCCCACGTTATCCAATCGCAAAAACTCTAAGAATGACTCT
TCTGTGGCAGACCTAATGCCAAAATGGAAAAGCGATGAAACCGCCTCAGAGCATTCACTTTCCCCCAAGG
AAGCCGAGCCCGGCAAGGGTAAAGGGAAGTGCAGTGGCTCTGAGGCCGGACCCCTGTCCCACTGTGAGCA
TAATCCCGCTGCTGCAGCCCCCCAGCTGCTGGAGCATCACCCCTCGCCAGCTCCTCAGGACTGCCTGGGG
TCAGAGAGCAGAAGTGAGAAGCAGGAAGAAGACCTGAGGAAGCAGAGGACTGTGGTTTCAAACCAGGAAT
GTGAGACACAGGCCGCCCTTCTTCCCCTCCCCAAGAAAATAGAAATCATTGAGTATACACCAACAGTTAC
ATCACTTGATCACACTGAGCCAGGAGGTGAGACAACACCCAGCAAAGAGAGTGAGAAGCAAGAGCTGAGG
AAGGTGAAGATGGAGAGGTCTATCACTATGTTTTGCACTCTGGATGAAAATCTGAACAGGACTCTGGACC
CCAGTCAGGTTTCTCTGCGTCCCCAAGTGCTACCTCTGCCTCATTCTTCCTCTGAGTATGACAGGCTCAC
TGACCCAACCCCTATGTTAAGTAGCCCTCAAGACAAAGGGGACAGCCCATCCACACCCTTCAAGACACCA
GCGCGTTTGGTCGGTTGCAGTACCCAAGGAGCATCTGTCAGCTTGGATTGTTCGCATCGCCATTCTGTGC
TTCACCTGGAAGGCTGCACAGAGCAAAGCAGTACCACAGACAGCAGACTGTCTTCAGAGCACATGAACTG
GGAGGACAGCCAGGGGGACTTCCTTTCCAGTAGTACTGGAATGGCACACACGTCCTCTCCATTAACAAAT
GAAGACCTAAGTTTAATTAACAAACTTGGTGACAGTGTTGGCGTGTTACCGAAAAAACTGGATCCATCAC
CGGAAGCCTGTCGAATCCCACATAGCTCTAGTAGTGAAAATATAAGAGATCTCAGCCACGGCCCTGGTGT
GGTGAAGGAGCATGCTAAAGAAATTGAGCCTCGAGTGATCTTCCAGGCGGCGTTCTCCAAAACATCACAA
ATGAGGCGCTCAGCTTCGCTGGCCAAGTTGGGTTACCTGGACCTTTGTAAAGACTACTTACCGGATAGAG
AGCTTGGCTCCTCAGAATCCCCTCATCTCAAATTGCTTCAGCCCTTCCTCAGAACAGACTCAGGCATGCA
TGCCTTGATGGTCCATGAGCCCTCAGAAAGCCCAGGTGCCCACCCAAACCCACAGCCCACCAAGTATTTT
GTAGAGCAACTCAAAACAACAGAGTGTGTTGTGCAGAGCAAGCCAGTGGAGAGGCCCCATGTGCAGTATG
CCAAAGAGTTTGGTTTCAGTCAGCAGTGTTTGCTCCCCAAGGCAAGACCAGAATTGACTAGTTCTGAAGG
AGGCCTTCCTTTGCTACAGACACAGGGTCTGCAGTATCCAGGCCCCTCTCCAGGGCTGGCTGTGGCTCCC
CGTCAGCAGCATGGCAGGACTCACCCGCTTAGGAGACTAAAAAGAGCAAATGATAAAAAACGGACAACCA
ACCCCTTCTATAACACCATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM_001107024

**Insert Size:** 4293 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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001107024.1, NP_001100494.1 |
| **RefSeq Size:** | 6343 bp |
| **RefSeq ORF:** | 4293 bp |
| **Locus ID:** | 303342 |
| **Cytogenetics:** | 10q24 |