

Product datasheet for **RN214693**

Snph (NM_001106525) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snph (NM_001106525) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snph
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214693 representing NM_001106525
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATG**CCATGTCCCTGCAGGGAAGTAGACGGCCTCTGCCGATCTCGCAGGCGCAGCTCTCCACCTGTGA**
 GTGTGCGGGACGCTACGGCACCCTTCCCTCAGCAGCAGCAGCAACTCTGGCTCCTGCAAGGGCAGTGA
 CAGCAGCCCCACACCGAGGCGCTCCATGAAGTACACACTCTGCAGTGACAACCATGGCATCAAGCTCCC
 ACCCCAGAGCAGTACCTGACTCCACTGCAGCAGAAGGAGGTTTGTATCCGGCACCTGAAGGCCCGGCTCA
 AGGACACACAGGACCGGCTCCAGGATCGGGACACAGATCGATGACCTTAAGACGCAGCTGTCCCGCAT
 GCAGGAGGACTGGATCGAGGAGGAGTGCCACCGCTCGAGGCCAGCTGGCTCTGAAAGAGGCCCAAG
 GAGATCAGGCAGCTCAAGCAGGTATCGACACTGTCAAGAACAACCTGATCGACAAGGACAAGGGGCTGC
 AGAAGTACTTTGTGGACATCAACATCCAGAACAAGAAGCTGGAGACGCTGCTGCATAGCATGGAGGTGGC
 TCAGAATGGAGTAGCCAAGGAGGAAGAACTGGGGAGTCGGCAGGCGGGTCCCCTGCGCGCTCCCTCACC
 CGCAGCTCCACCTACACCAAGCTGAGTGACCCAGCCGCTGTGGGGACCGCCAGGCAGGGGATCCCTCCA
 ACACCCCTGCTGAGGACAGAGCTGATAGCGGCTTTGTGGCTGCCGATGACACCCCTGAGTCGGACGGAAGC
 CCTGGAGGCCAGTAGCCTGCTGTATCTGGAGTGGACTGTGGCTTTGAGGAAGCCTCGTGCACAGCTCC
 TTCAACCTGGGCCCGCTTCCCTGCCAGCAACACGTACGAGAAGCTGCTGTGCGGCATGGAGGCTGCTG
 TGCAGGCCAGCTGCATGCAGGAGCGGGCCATCCAGACAGACTTCGTGCAGTACCAGCCTGACCTGAACAC
 CATCCTGGAGAAAGTGGCCAGGCTCAGGGTGCAGCTCGGTCTCAAGGACAGGCACTCAGAGCTGGAT
 CTCCACCCTTCAGGGCCAGAGACCCGACTCAGCAGTGGTGGTAAACAGTAGGTGACGAGCCGGAGGCC
 CAGAGCCCATCACCCGCGGGCCAGCTATACACCGCCTGCAGTCAACTTAACCCAGGACTGCCAGTGAG
 TGTGGTGTGCCGTGGAAAGAGGAGGAGGAGGAGCCGCGCCGCGCCGCGCCGCGCCGCGCCGCGCCACC
 ACCACCACCACCACGAAAGGAACCAAGAGTTACTGGAGCCGCCACTACATCGTGATCTGCTGGCTG
 TGGTGGTGCCAGCTGTGCCAACGGTGGCTGGCTCTGCCGCTCCCAGAGGCGTCAGGGCCAGCCATTTA
 CAACATCAGCTCCCTGCTGCGGGCTGCTGCACAGTGGCCTTGCACTCCATCCGCAGGATCAGCTGTTCA
 CTGAGCCAGCCGAGCGCTGGCTCATCCGGTGGCTCCAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106525
- Insert Size:** 1515 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_001106525.3](#), [NP_001099995.1](#)

RefSeq Size: 4694 bp

RefSeq ORF: 1515 bp

Locus ID: 296267

UniProt ID: [B5DF41](#)

Cytogenetics: 3q41

Gene Summary: Inhibits SNARE complex formation by absorbing free syntaxin-1.[UniProtKB/Swiss-Prot Function]