

Product datasheet for **MC217521**

Snph (NM_198214) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snph (NM_198214) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snph
Synonyms:	6430515A01; AW045671; AW556958; AW743098; mKIAA0374
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217521 representing NM_198214
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCATGTCCCTGCAGGGAAGTAGACGAGCCTCTGCCGGATCTCGCAGCGGGGCACTTTAGGCCGTA
 GCGGCCTGGCAGTGTTCGCCAGTGCCACAGGTGCCCGCCAGCCAGAATGAGCAGCGGCCCTCTTCTCCC
 CGCTCCAGGCGCACCTCTCCACCTGTGAGTGTGCGGGACGCCTACGGCACCTCTTCCCTCAGCAGCAGC
 AGCAACTCTGGCTCCTGCAAGGGCAGTGACAGCAGCCCCACACCGAGGCGCTCCATGAAGTACACTAT
 GCAGCGACAATCACGGCATCAAGCCTCCCACCCAGAACAGTATCTGACTCCACTGCAACAGAAGGAGGT
 TTGCATCCGGCACCTGAAGGCCCGGCTCAAGGACACACAGGACCGGCTCCAGGATAGGGACACGGAGATC
 GATGACCTTAAGACGCAGCTGTCCCGCATGCAAGAGGACTGGATTGAGGAGGAGTGCCACCGCTAGAAG
 CACAGCTGGCCCTGAAAGAGGCCCGCAAGGAGATCCGGCAGCTCAAGCAGGTATCGACTGTCAAGAA
 CAACCTGATTGACAAGGACAAGGGGCTGCAGAAGTACTTTGTGGACATCAATATCCAGAACAAGAAGCTG
 GAGACCTTGCTGCACAGCATGGAGGTGGCCAGAATGGAGTCGCCAAGGAGGAAGGAACAGGGGAGTCAG
 CAGGTGGGTCTCCTGCACGGTCCCTCACCCGACGCTCCACCTACACCAAGCTGAGTGACCCAGCCGCTCTG
 TGGTGACCCGACGCCAGGGGATCCCTCCAACACCTCTGCCGAGGATGGAGCTGATAGTGGATATGTGGCT
 GCCGATGACACCTGAGTCGGACGGACGCCCTGGAGGCCAGTAGCCTACTGTGATCAGGAGTGGACTGTG
 GCCTTGAGGAAGCCTCGCTGCACAGCTCCTTCAACCTGGGCCCCCGCTTCCCTGCCAGCAACACCTACGA
 GAAGCTGCTGTGCGGCATGGAGGCTGGTGTGCAGGTGAGTGCATGCAGGAGCGGGCCATCCAGACAGAC
 TTTGTGCAGTACCAGCCTGACCTGAACACCATCCTGGAGAAAGTGGGCCAGGCTCAGGTGTGCGGTTTCAG
 TCCTCAAAGACAGGCACTCAGAGCTGGATCCCCACCCCTCAGGGCCAGAGACCTGACTCAGCAGTGGT
 AGTCACAGTAGGTGACGAGCTTGAGGCCCCAGAGCCCATCACCTGTGGGCCAGCCACACACCGGCCCTGCA
 GTCAACTTAACCCAGGACTGCCCGTGTGTTGTGTCGCCGTGGAAGAGGAGGAGGAGGAGGCCAGCCG
 CTGCCACCACCAGAAAAGGAACCCAAGATTACTGGAGCCGCCACTACATCGTGGATCTGCTGGCTGT
 GGTAGTGCCAGCTGTGCCAACAGTGGCCTGGCTCTGCCGCTCCACGCGCGTCAGGGCCAGCCATTTAC
 AACATCAGCTCCCTGCTGCGGGTTGCTGCACGGTGGCCTTGACTCCATCCGTAGGATCAGCTGCCGCT
 CACTGGCCAGCCGAGCTCCAGCACAGCCGGTGGCTCTCAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_198214

Insert Size: 1587 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_198214.3](#), [NP_937857.1](#)

RefSeq Size: 4750 bp

RefSeq ORF: 1587 bp

Locus ID: 241727

UniProt ID: [Q80U23](#)

Cytogenetics: 2 G3

Gene Summary: Inhibits SNARE complex formation by absorbing free syntaxin-1.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).