

## Product datasheet for **MC227808**

### **Snph (NM\_001291077) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snph (NM_001291077) 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:** >MC227808 representing NM\_001291077  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCATGTCCCTGCAGGGAAGTAGACGAGCCTCTGCCGGATCTCGCAGGCGCTCCATGAAGTACACAC  
 TATGCAGCGACAATCACGGCATCAAGCCTCCCACCCAGAACAGTATCTGACTCCACTGCAACAGAAGGA  
 GGTTTGCATCCGGCACCTGAAGGCCCGGCTCAAGGACACACAGGACCGGCTCCAGGATAGGGACACGGAG  
 ATCGATGACCTTAAGACGCAGCTGTCCCGCATGCAAGAGGACTGGATTGAGGAGGAGTGCCACCGCGTAG  
 AAGCACAGCTGGCCCTGAAAGAGGCCCGCAAGGAGATCCGGCAGCTCAAGCAGGTATCGACACTGTCAA  
 GAACAACCTGATTGACAAGGACAAGGGGTGCAGAAGTACTTTGTGGACATCAATATCCAGAACAAGAAG  
 CTGGAGACCTTGCTGCACAGCATGGAGGTGGCCAGAATGGAGTCGCCAAGGAGGAAGGAACAGGGGAGT  
 CAGCAGGTGGGTCTCCTGCACGGTCCCTCACCCGACGCTCCACCTACACCAAGCTGAGTGACCCAGCCGT  
 CTGTGGTGACCGCCAGCCAGGGGATCCCTCCAACACCTCTGCCGAGGATGGAGCTGATAGTGATATGTG  
 GCTGCCGATGACACCCTGAGTCGGACGGACGCCCTGGAGGCCAGTAGCCTACTGTATCAGGAGTGGACT  
 GTGGCCTTGAGGAAGCCTCGCTGCACAGCTCCTTCAACCTGGGCCCCCGCTTCCCTGCCAGCAACACCTA  
 CGAGAAGCTGCTGTGCGGCATGGAGGCTGGTGTGCAGGTGAGTGCATGCAGGAGCGGGCCATCCAGACA  
 GACTTTGTGACGTACCAGCCTGACCTGAACACCATCCTGGAGAAAGTGGGCCAGGCTCAGGTGTGCGGTT  
 CAGTCTCAAAGACAGGCACTCAGAGCTGGATCCCCACCTTCAGGGCCAGAGACCCTGACTCAGCAGT  
 GGTAGTCACAGTAGGTGACGAGCTTGAGGCCAGAGCCCATCACCTGTGGGCCAGCCACACACCCGGCCT  
 GCAGTCAACTCTAACCCAGGACTGCCCGTGAGTGTGGTGTGTCCCGTGGAAGAGGAGGAGGAGGAGGCAG  
 CCGTGCCACCACCACCGAAAAGGAACCAAGAGTTACTGGAGCCGCCACTACATCGTGGATCTGCTGGC  
 TGTGGTAGTGCCAGCTGTGCCAACAGTGGCTTGCTCTGCCGCTCCAGCGGCGTCAGGGCCAGCCATT  
 TACAACATCAGCTCCCTGCTGCGGGTTGCTGCACGGTGGCCTTGCACTCCATCCGTAGGATCAGCTGCC  
 GCTCACTGGGCCAGCCGAGCTCCAGCACAGCCGGTGGCTCTCAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001291077
- Insert Size:** 1380 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001291077.1](#), [NP\\_001278006.1](#)

**RefSeq Size:** 4543 bp

**RefSeq ORF:** 1380 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 (3) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1, resulting in an isoform (c) that is shorter than isoform a.