

## Product datasheet for **MC203550**

### Snap23 (NM\_009222) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Snap23 (NM_009222) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snap23
Synonyms:	23kDa; AA408749; SNAP-23; Sndt; Syndet
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC070456  
 GAGAACTGTGGAGGCTGGAGAGGAGTGGCCGGAGCCGCCGGAGTATCCGTATTTCTGTGCCCAGCAGTGT  
 GACGACTACCCATGGATAATCTGTCCCCAGAGGAAGTTCAGCTGCGGGCTCACCAGGTTACTGATGAGTC  
 TCTGGAAGCACAAAGGAGAATCCTGGGTTTAGCCATTGAGTCTCAGGATGCAGGAATCAAGACCATCACT  
 ATGCTGGATGAGCAAGGGGAACAATAAATCGCATAGAAGAAGGCATGGACCAAAATAAATAAGACATGA  
 GAGAGGCAGAGAAGACTTTAACAGAACTCAACAAGTGTGTGGCCTCTGCATCTGCCCTTGTAAATAGGAC  
 AAAGAACCTTTGAGTCTGGAAGAATAAAGGCAACATGGGGAGATGGTGGCGCAACTCACCTAGCAAT  
 GTAGTATCTAAGCAACCGAGCCGATTACAAATGGTCAGCCTCAGCAAACTACAGGAGCAGCCAGTGGTG  
 GATACATTAACGTATAACTAATGATGCCAGAGAAGATGAGATGGAAGAGAACCTGACTCAAGTGGCGAG  
 CATCCTAGGCAACCTAAAGAACATGGCTCTGGATATGGGCAATGAAATTGATGCTCAAAACCAGCAATA  
 CAGAAGATCACAGAAAAGGCTGACACCAACAAGAATCGTATTGACATTGCCAATACAAGAGCAAAGAAAC  
 TCATTGATAGTTAAAGCCCTGCTGTACTTCTTTACCTGTTAACTCAGTCTCTAGCTCCGCTGAGTCATT  
 TCTTATTCAGAGTTTAAAGGCTGTGAGAAGGAGCAGAGGAGGAATGCCTCGCTACTTTCTACTTTGTC  
 TTTAGGGGTAGTTCCTGCTCAGGCTTCCTTACAGTCTTCTCAGTCACTCTCATAGGCTTCTTTCCAT  
 ACATCACCGTCTTTCATCTCTTCAATTTAGCTTCTTTGCGTTCAAGATTTGGAAGCATTGCCAAAGAGC  
 CATGAAAGAAGCAGCTGTATAAGTAGCTTTTGTCAATTATTGGTATTGGTTGGTTGGTTTGGTTTGGTTT  
 TGTGGTAAAGAGCAAGAGGAAGGAATAGGAAATGAAGCTGACTCATTAAAGAAACTACAGGTCACAAAAA  
 CACAGACGAGTGCTTGGGGTGGGAGCTTTCACACATGTGTTTTGTTCTGCATCACTGTTTTTCAGCTTCT  
 GCTCCAAGGAGAATACAATGAGTTTTCTAGAAGTGAGCTTCACTTCTGAACCCATAGTGATTTGTACGT  
 ATATACATAGGTTCTTGGATCCAGTTTCATATTGCACATGCAGGAACATTATATAAATGAGTGCCTTTTA  
 TTCTCACACAATGAGTCATGGCATGGTCCCATTGTAGGCTGTAACTTCATGAAGTTGACGGTAGCCTT  
 TAAAAGATACACACACACACACACATGAAATAGGAGATTTCTCAAAGTTTTGGGAAAACCTTTT  
 ACAGTGTATCATGTGAATTCAGATTTACCTCAATACTAAGAATTATGTTTAGATATGAAAAAACTGTT  
 TTGATCTCAGGTAGAAAAATAGATTGCTTTGAGTTTTGTAGTTTTAAACATTTAAAAAGTCATAATTT  
 GTTACTAAAAGTTGTTTGGAAAATTATGCCTTTATATAATTATTGATGACCGCACTGCCATTCTCTCTG  
 CCTTATGCACAGAATCAAGTTTATGTAGATCCTGAAGTGTAGGGAAGCTGAAATGGTATTTGTCACATT  
 TGTTTAAAAATTAGCATCTGTACACTTTAGAGCTACTAAAGTAGACTGGTTTCACCAATAACCATTGCTT  
 TATTCTTACAATTAATTTTATAATTAATGATATTGTTCTTTCAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** AscI-NotI

**ACCN:** NM\_009222

**Insert Size:** 633 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:** [BC070456](#), [AAH70456](#)

RefSeq Size: 1887 bp

RefSeq ORF: 633 bp

Locus ID: 20619

UniProt ID: [O09044](#)

Cytogenetics: 2 E5

**Gene Summary:** Essential component of the high affinity receptor for the general membrane fusion machinery and an important regulator of transport vesicle docking and fusion.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an alternate, in-frame, exon, compared to variant 1. Variants 2 and 3 encode the same protein (isoform b).