

Product datasheet for **RR210292**

Snap23 (NM_022689) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snap23 (NM_022689) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Snap23
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR210292 representing NM_022689
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGATCTATCACCAGAAGAAATTCAGCTTCGGGCTACCAAGTTACTGATGAGTCTCTGGAAAGCA
CAAGGAGAATCCTGGGTTTAGCCATTGAGTCTCAGGATGCAGGAATCAAGACTATCACTATGCTGGATGA
GCAAGGGGAACAATAATCGCATAGAAGAAGGCATGGACCAATAAATAAGACATGAGAGAGGCAGAG
AAGACTTTAACAGAACTCAACAAGTGTGTGGCCTCTGCGTCTGCCCTTGTAAATAGGACCAAGAACTTTG
AGTCTGGAAAGAACTATAAGGCAACATGGGGTGTGGTGGAGACAGCTCACCTAGCAATGTGGTATCTAA
GCAACCAAGCCGGATAACAAATGGTCAGCCTCAGCAGACTACAGGAGCGGCCAGCGGTGGATACATTAA
CGCATAACTAATGATGCCAGAGAAGATGAGATGGAAGAGAACCTGACTCAAGTGGCAGCATCCTAGGGA
ACCTAAGAACATGGCTCTGGATATGGCAATGAAATTGATGCTCAAACCAGCAAATACAGAAGATCAC
AGAAAAGGCTGACACCAACAAGAATCGCATTGACATTGCCAATACAAGAGCAAAGAACTCATTGACAGC

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR210292 representing NM_022689
Red=Cloning site Green=Tags(s)

MDDLSP EEIQLRAHQVTDESLESTRRILGLAIESQDAGIKITITMLDEQGEQLNRIIEGMDQINKDMREAE
KTLTELNKCGLCVCPCNRTKNFESGKNYKATWGDGGDSSPSNVVSKQPSRITNGQPQTTGAASGGYIK
RITNDAREDEMEENLTQVGSILGNLKNMALDMGNEIDAQNNQIQKITEKADTNKNRIDIANTRAKKLIDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	<u>NM_022689.2</u> , <u>NP_073180.1</u>
RefSeq Size:	2549 bp
RefSeq ORF:	633 bp
Locus ID:	64630
UniProt ID:	<u>O70377</u>
Cytogenetics:	3q35
MW:	23.2 kDa
Gene Summary:	participates in the formation of 20S SNARE complexes along with syntaxin 4 and VAMP2/3 [RGD, Feb 2006]