

Product datasheet for **SC215436**

SNAP23 (NM_003825) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SNAP23 (NM_003825) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SNAP23
Synonyms:	HsT17016; SNAP-23; SNAP23A; SNAP23B
ACCN:	NM_003825
Insert Size:	1610 bp



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Insert Sequence: >SC215436 3'UTR clone of NM_003825
The sequence shown below is from the reference sequence of NM_003825. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCAGAGCAAAGAACTCATTGACAGCTAAAGCTACTGCTGTTCTTCTTTATCATTATTCACTTCCGT
AGTCCTCCTTGAAAGTTATTACCTTTTCAGAGTTTAAGTTTTCGGTTCCACGCTCTTCTAATTGGGAG
ATAATATGGAAGAAGGGCCAGAGCAGTTACAGCCCTCCTTCTTTTTGTTTTCTGTTGAGGGCCGACTG
CTGCTCTGCCTTCTTCTAGTATTTTCTTCTCAATTCATACGCTTAGATTGGTTTTCATATGTCATGT
TTAGTGTTTTCATCCTCCTCATATACTTACAGCAGGTTCTTTGCTTTCAAGATTTGGAAGCATTGCCAA
AGACAGCCATGAAGAAGGAAGCTGTAGAGGTGTTTTTGTGTTGTTATTTTTGCTTTTGTGGTTGAG
GGAAGGACAAGAGATAAGAGGTTGTACCTCAGTAAAAACCTTCAGGCCACAAAGCAAAAAGTTGCATA
GCCACAACGAAGATCTAGTTGGATATAGTTTTGATTTAAGTTGCAGTTATAGCCAATTTAGGCTAATG
CTTGGTTTTGGAGCTTTTATACACAACGTTTTTGTAGGCATCACAGTTTTGCAACCTCTGCTCCAAAG
AGAAAAATAGAATGAGTTTTCTTCTTTTTTTTTTTTTTTGGAGTCAGAGTCTCGCTCTCTTGCCAGGC
TGGAGTGAATAGCGCATCTGGGCTCACTGCAACCTCCGCTCCCTGGTTCAAGCAATTCTCTGCCT
TGCTCCTGAGTAGTGGGATTACAGGCGTGTGCACCACGCTCGGCTAATTTTTGTATTTTAGTAGA
GACAGGTTTTACCATGTCAAGCTGGTCTTGGACTCCTGACGTCGTGATCCACCCGCTTGGCCTCCCA
AAGTACTGGGATTACAGGCGTGAGCCACTGTGCCTGGCTGAGTTTTCTTAAAGTGAGCTTAATTTCTGA
ACTCTTAGTGATTATATGTACATAAATCTGTGATCCCATTTCTTATTGCACCATTGAGAACACTT
TATATAAATGAGTGGCTTTTTATTTTCATATTATTAGTAGTATCATGGTTCCATTACAGGCTATTAACA
TCATACATTGTCATTAGTCTTTGAAAGAAAAATATGTAATATATATGTGTAACATGAGAATTTCTCTC
TAAAGCAGGGCTTAAAATTTTTTGGAAAAGTTGACAAAGCATACCACATGAATTCAGATTTACCTCAA
TGCTAAGAATTATGTTTAGTTAGTAAAGGAAAGTCATTTTGACCTCAGGTAGAAAAATAGATTGCTT
TGAGTTTTATGTAGCTTTAGACTTTAAAAAGTTAGAATTTATTCTGTAACATAAAAATTTTAAAAAAA
TTATGCCTCTGGTTAATTATTGGTGATTACACTCTTCTCTTACCCTTGTGATTGAACTATGTCC
ATAATCAAGTTGATGTGGATCCTGAAAAGTGTATGAACATCTGATTGGTATTTGCACATTTATTTA
AAATTAGCATCTGAACACTTCAAAGCTGTCAGTGTGATTGGTTTACCAATAACCACTGCTTGATCCT
TACAATTAATTTTTTAACTAAC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003825.4](#)

Summary:

Specificity of vesicular transport is regulated, in part, by the interaction of a vesicle-associated membrane protein termed synaptobrevin/VAMP with a target compartment membrane protein termed syntaxin. These proteins, together with SNAP25 (synaptosome-associated protein of 25 kDa), form a complex which serves as a binding site for the general membrane fusion machinery. Synaptobrevin/VAMP and syntaxin are believed to be involved in vesicular transport in most, if not all cells, while SNAP25 is present almost exclusively in the brain, suggesting that a ubiquitously expressed homolog of SNAP25 exists to facilitate transport vesicle/target membrane fusion in other tissues. The protein encoded by this gene is structurally and functionally similar to SNAP25 and binds tightly to multiple syntaxins and synaptobrevins/VAMPs. It is an essential component of the high affinity receptor for the general membrane fusion machinery and is an important regulator of transport vesicle docking and fusion. Two alternative transcript variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

8773

MW:

62.3