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Product datasheet for SC215438

SNAP23 (NM_130798) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SNAP23 (NM_130798) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SNAP23
Synonyms:	HsT17016; SNAP-23; SNAP23A; SNAP23B
ACCN:	NM_130798
Insert Size:	1610 bp

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Insert Sequence:

>SC215438 3'UTR clone of NM_130798
The sequence shown below is from the reference sequence of NM_130798. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCAGAGCAAAGAAACTCATTGACAGCTAAAGCTACTGCTGTTCTTCTTTATCATTTATTCACTTCCGT
AGCTCCTCCTTGAAAGTTATTACCTTTTCAGAGTTTAAGTTTTCGGTTCCACGCTCTTCTAATTGGGAG
ATAATATGGAAGAAGGGCCAGAGCAGTTACAGCCCTCCTTCTTTTTTGTTTTCTGTTGAGGGCCGACTG
CTGCTCTGCCTTCCTTCTAGTATTTTCTTTCTCAATTCATACGCTTAGATTGGTTTTCATATGTCATGT
TTAGTGTTTTCATCCTCCTCATATACTTCAGCAGGTTCTTTTGCTTTCAAGATTTGGAAGCATTGCCAA
AGACAGCCATGAAGAAGGAAGCTGTAGAGGTGTTTTTTGTTGTTGTTTATTTTTGCTTTTGTGGTTGAG
GGAAGGACAAGAGATAAGAGGTTGTTACCTCAGTAAAAACCTTCAGGCCACAAAGCAAAAAGTTGCATA
GCCACAACGAAGATCTAGTTGGATATAGTTTTTGATTTAAGTTGCAGTTATAGCCAATTTAGGCTAATG
CTTGGTTTTGGAGCTTTTATACACAACGTTTTTGTTAGGCATCACAGTTTTGCAACCTCTGCTCCAAAG
AGAAAAATAGAATGAGTTTTCTTTCTTTTTTTTTTTTTTGGAGTCAGAGTCTCGCTCTCTTGTCCAGGC
TGGAGTGCAATAGCGCGATCTGGGCTCACTGCAACCTCCGCCTCCCTGGTTCAAGCAATTCTCCTGCCT
TGCCTCCTGAGTAGCTGGGATTACAGGCGTGTGTCACCACGCTCGGCTAATTTTTGTATTTTTAGTAGA
GACAGGGTTTCACCATGTCAAGCTGGTCTTGGACTCCTGACGTCGTGATCCACCCGCCTTGGCCTCCCA
AAGTACTGGGATTACAGGCGTGAGCCACTGTGCCTGGCTGAGTTTTCTTAAAGTGAGCTTAATTTCTGA
ACTCTTAGTGATTCATATATGTACATAAATCTGTGATCCCATTTCTTATTGCACCATTCAGGAACACTT
TATATAAATGAGTGGCTTTTTATTTCATATTATTAGTAGTATCATGGTTCCATTACAGGCCTATTAACA
TCATACATTGTCATTAGTCTTTGAAGAAAAAATATGTAAATATATATGTGTAACATGAGAATTTCTCTC
TAAAGCAGGGCTTAAAATTTTTTGGAAAAGTTTGACAAAGCATACCACATGAATTCAGATTTACCTCAA
TGCTAAGAATTATGTTTAGTTAGGAAAAAGGAAAGTCATTTTGACCTCAGGTAGAAAAATAGATTGCTT
TGAGTTTTATGTAGCTTTAGACTTTAAAAAGTTAGAATTTATTCTGTAACTAAAAATTATTTGAAAAAA
TTATGCCTCTGGTTTAATTATTGGTGATTACACACTCTTTCTCTTACCCTTGTGTATTGAACTATGTCC
ATAATCAAGTTGATGTGGATCCTGAAAAGTGTTATGAACATCTGATTGGTATTTGTCACATTTATTTTA
AAATTAGCATCTGAACACTTCAAAGCTGTCAGTGTGTATTGGTTTCACCAATAACCACTGCTTGATCCT
TACAATTAAATTTTTTAACTAAC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_130798.3

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