

## Product datasheet for **SC207508**

### SNAPIN (NM\_012437) Human 3' UTR Clone

#### Product data:

<b>Product Type:</b>	3' UTR Clones
<b>Symbol:</b>	SNAPIN
<b>Synonyms:</b>	BLOC1S7; BLOS7; BORCS3; SNAPAP
<b>Mammalian Cell</b>	Neomycin
<b>Selection:</b>	
<b>Vector:</b>	pMirTarget (PSI00062)
<b>ACCN:</b>	NM_012437
<b>Insert Size:</b>	581 bp
<b>Insert Sequence:</b>	<p>&gt;SC207508 3'UTR clone of NM_012437</p> <p>The sequence shown below is from the reference sequence of NM_012437. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC ATTTACCCCTTGCTCCCGAGGCAAAACAGATGAGCCTATGGACTCAGTAGCACAACTACTGTTCC CCAGCTGCCTTGTTTCAACAGACATGCAAGATCCTAGGAGACAGTCCCATAGACCTTCAGACATTAA AAAGGGAGCCGTACAGTTTGTGTTGAAGCACTTCGTCTTACCCATTTATGTAGGGGCCCCAGGAAACCTA CACACAGCCAGAATGAGGTTCCCAAAGGACTTACATTAATTATGGCTCTTGCTTCCTTTCACAAATGAG CTGAGGCCTCTACTTTTTTTTTTAAGCTGCATACGTGAGGCTTACCTTCTCAGGACTAGTTAACCAGA GGGGCTTCCTTTGTATGTTACATGCCTGTTACATGGGCTGGACAGCATGTCCTCTACCTGTGACTTC TCATTTTCTGTTTACACTGGGATTTGGAGGGGCGAGGCAAGTCAAAGTGAATGACCTCTGTCCACC CACTTTTTTATTGCACTGGCTTGAATACAGTAGCAGTGTGATAGAATCATTTTATTCAATAAATACTT AAAATGATATTCTAGTTTACTCTGGTATA ACGCGTAAGCGGCCCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
<b>Restriction Sites:</b>	SgfI-MluI
<b>OTI Disclaimer:</b>	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).



<b>Components:</b>	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.
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_012437.6</a></u>
<b>Summary:</b>	The protein encoded by this gene is a coiled-coil-forming protein that associates with the SNARE (soluble N-ethylmaleimide-sensitive fusion protein attachment protein receptor) complex of proteins and the BLOC-1 (biogenesis of lysosome-related organelles) complex. Biochemical studies have identified additional binding partners. As part of the SNARE complex, it is required for vesicle docking and fusion and regulates neurotransmitter release. The BLOC-1 complex is required for the biogenesis of specialized organelles such as melanosomes and platelet dense granules. Mutations in gene products that form the BLOC-1 complex have been identified in mouse strains that are models of Hermansky-Pudlak syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]
<b>Locus ID:</b>	23557
<b>MW:</b>	22.2