

Product datasheet for **SC319890**

SNAP47 (NM_053052) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNAP47 (NM_053052) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNAP47
Synonyms:	C1orf142; ESFI5812; HEL-S-290; HEL170; SNAP-47; SVAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_053052.2
 GAAGGGCGCCCGGCTCCGAGACGAAGGCTACCCGGCCCGGAGCCTGGCCGACGCCGGGGAC
 ATCGACCCCCAGGCCTCGGAAGTGGCTGTCGGCGAGGGCGCGCTCTCGCGGTCCATCCA
 GCTCAGCACGGGTGCAAGGACCCCTCCTCACTTCCGCCGAGCGGAAACGGTGAGGAC
 CAGCCTCGGAACCAGAAGACGCAGGGCGCCGCTTTCTGCCCCACCAGCGCCTGGGGCTC
 CGGGCTGCACGCATGCGCGCGGCTCGCCGCGGTCTTCACTGCGCAGGCGCCGAGCGGCC
 GAGGCGCCGCGGTCGGCTCTGGGACTCGTCTGGCGTCCCTCAGAGGCAGAAGAGGCCTGG
 ACCTTGCGGCACACAGACCCAGGAACAGATGAGCAGGGATGTCTGCATCCACACCTGGCC
 GTGCACCTACTACCTGGAGCCAAAGAGGCGATGGGTTACTGGACAGCTGTCCTTAACATC
 GCTGTCGCTCAGGTTTCATGACTGACAGCACTGGAGAGATTCTGGTCAGCTTCCCCCTCTC
 CAGCATAGTTGAGATCAAGAAGGAGGCTTACATTTTATCTTCAGCTCCATCACCATCCT
 GGAGAAGGGCCATGCCAAGCACTGGTTCAGCTCCCTGCGGCCAAGTCAAATGTGGTCTT
 CAGCATCATCGAGCATTTCTGGAGGGAGCTGCTGCTGTCTCAGCCTGGAGCCGTGGCAGA
 CGCATCTGTCCCAAGGACCCGGGGCGAGGAGCTGACGGGACTCATGGCTGGATCCCAGAA
 ACGCCTGGAGGACACGGCGAGGGTCTGCACCACCAGGGCCAGCAGCTGGACAGCGTCAT
 GAGAGGCCTGGACAAGATGGAGTCAGACCTGGAGGTGGCGGACAGATTGCTGACAGAACT
 GGAATCTCCTGCTTGGTGGCCCTTTAGCTCCAAGCTTTGGAAGACACCACCGGAAACAAA
 GCCCAGGGAAGATGTCTCCATGACCAGTTGTGAACCCCTTTGGGAAAGAAGGGATACTGAT
 AAAAAATCCTGCTGTTATTTCCACAGAACAGAGTCTCACGTTAAACCAGGGAGGCTCAC
 CGTCTTGTGTCTGGGTTGAAAATACATGACTCCAGTTCTTTGCTCATGCACAGGTTTGA
 AAGAGAAGACGTGGACGACATCAAGGTCCACTCACCTTACGAAATAGCATCCGCCAGCG
 GTTTATTGGAAGCCAGACATGGCCTATCGTTTGATATCTGCCAAGATGCCAGAGGTTAT
 CCCCATTTTGAAGTGCAGTTCAAGCAAGAAGATGGAGCTGTTAGAAGATGCATTGGTGCT
 CAGAAGCGCAAGAACCTCTTCCCCCGCAGAGAAGAGCTGCTCAGTCTGGCATGCAGCATC
 TGGGCTGATGGGCTGTACCCTGCACCGTGAGCCACCCGCAGGAGACCAGGAGGGCACAGC
 ACTGCACCTGCAGACAAGCCTGCCAGCCCTTTCTGAGGCAGATACCCAGGAACTAACCCA
 GATCCTGAGGAGGATGAAGGGGCTGGCCCTGGAGGCCGAGAGTGAGCTGGAGAGACAAGA
 CGAAGCCCTGGATGGCGTTGCAGCAGCTGTGGACAGGGCAACCTTGACCATCGACAAGCA
 CAACAGGCGGATGAAGAGGCTGACCTAGGGGCAGAACGTCCTGCATTCTGTCTCACCC
 TGCACATCCCGCTGAGATGGAGGGCTGGCGGCAGTGCCAGGGCTGCAGAGGCCTGTGGC
 CCTCCGGAGTGGTCTTCTCTGATGGGGCTGCTACTGTGGGGCTGCTTCTGCACCAGGG
 GCCTCCCCAGGTGTGCACCATGCCTGCCTCCCACTTGGCTGTCCCTGCTGCTGGCGAGGA
 CCCGGCCACATGTTCTGCGGATGCTGCAGAAGTGTGGACCATGGCGGGACCCCAAGGACA
 CTTGGCACAGGCCTGGAAGAGGGCCGCCCTCGTCTTGTCTCGGCTCCCTTTCATGGACAGA
 CTGGCCTTCTTAGCTGTACTATAAATTTGTGAGTGAAGTTAGAGCCCAGCTCACTTAGCC
 AGCTCACTTTGAGGGCATCTATAAACACCCAACTGTTCTTTTATCGTCTCGGTTTTAGC
 CAAAAGTGAATTAGCATGACTGCATCTTCAAACAAAAAATTTGATTTCTGCTTTTAGG
 GCCCGGTTTCCATCCAGAAATAAAGGAAATGCTGGCTTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_053052

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_053052.2</u> , <u>NP_444280.1</u>
RefSeq Size:	2401 bp
RefSeq ORF:	1395 bp
Locus ID:	116841
UniProt ID:	<u>Q5SQN1</u>
Cytogenetics:	1q42.13
Protein Pathways:	SNARE interactions in vesicular transport
Gene Summary:	Plays a role in intracellular membrane fusion.[UniProtKB/Swiss-Prot Function]