

Product datasheet for **SC316993**

Septin 11 (SEPT11) (NM_018243) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Septin 11 (SEPT11) (NM_018243) Human Untagged Clone
Tag:	Tag Free
Symbol:	Septin 11
Synonyms:	SEPT11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018243, the custom clone sequence may differ by one or more nucleotides

ATGGCCGTGGCCGTGGGAGACCGTCTAATGAAGAGCTTCGAACTTGTCTTTGTCTGGCCATGTGGGAT
TTGACAGCCTCCCTGACCAGCTGGTCAACAAGTCTACTTCTCAAGGATTCTGTTTCAACATCCTTTGTGT
TGGTGAGACAGGCATTGGCAAATCCACGTTAATGGACACTTTGTTCAACACCAAATTTGAAAGTGACCCA
GCTACTCACAATGAACCAGGTGTTTCGGTTAAAAGCCAGAAGTTATGAGCTTCAGGAAAGCAATGTACGGC
TGAAGTTAACCATTGTTGACACCGTGGGATTTGGAGACCAGATAAATAAAGATGACAGCTATAAGCCGAT
AGTAGAATATATTGATGCCCAGTTCGAGGCCTACCTGCAAGAGGAATTGAAGATTAAACGTTCTCTCTTC
AACTACCATGACACGAGGATCCATGCCTGCCTCTACTTTATTGCCCTACTGGACATTCACTAAAGTCCC
TGGATCTGGTCACCATGAAAAGCTGGACAGTAAGGTGAACATCATTCCAATAATTGCAAAAGCTGACAC
CATTGCCAAGAATGAACTGCACAAATTCAGAGTAAGATCATGAGTGAAGTGGTCAGCAATGGGGTCCAG
ATATATCAGTTTTCCCACTGATGAAGAAACGGTGGCAGAGATTAACGCAACAATGAGTGTCCATCTCCCAT
TTGCAGTGGTTGGCAGCACCGAAGAGGTGAAGATTGGCAACAAGATGGCAAAGGCCAGGCAGTACCCCTG
GGGTGTGGTGACAGTTGAGAATGAAAATCATTGCGATTTTGTGAACTTCGAGAGATGCTGATCCGCGTG
AACATGGAGGACTTGCAGAGCAGACTCACACCCGCCACTATGAATTGTACCGACGCTGTAAGCTTGAAG
AGATGGGGTTCAAGGACACTGACCCTGACAGCAAAACCTTCAGTCTTCAGGAGACATATGAAGCAAAAAG
GAATGAATTCCTGGGAGAACTGCAGAAGAAAGAAGAAGAAATGAGACAAATGTTTGTATGAGAGTGAAG
GAGAAAGAAGCTGAACCTTAAGGAGGCAGAGAAAGAGCTTCACGAGAAGTTTGACCTTCTAAAGCGGACAC
ACCAAGAAGAAAAGAAGAAAGTGAAGACAAGAAGAAGGAGCTTGAGGAGGAGGTGAACAACCTCCAGAA
GAAGAAAGCAGCGGCTCAGTTACTACAGTCCCAGGCCAGCAATCTGGGGCCAGCAAACCAAGAAAGAC
AAGGATAAGAAAAATGCAAGCTTCACATAA

Restriction Sites: NotI-NotI



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ACCN:	NM_018243
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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.NA
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:	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_018243.2</u> , <u>NP_060713.1</u>
RefSeq Size:	5582 bp
RefSeq ORF:	1290 bp
Locus ID:	55752
UniProt ID:	<u>Q9NVA2</u>
Cytogenetics:	4q21.1
Domains:	GTP_CDC
Gene Summary:	SEPT11 belongs to the conserved septin family of filament-forming cytoskeletal GTPases that are involved in a variety of cellular functions including cytokinesis and vesicle trafficking (Hanai et al., 2004 [PubMed 15196925]; Nagata et al., 2004 [PubMed 15485874]).[supplied by OMIM, Jul 2009] Transcript Variant: This variant (2) differs in the 5' UTR and lacks an exon in the 5' coding region that results in use of an alternate start codon compared to variant 1. It encodes isoform 2, which has a novel N-terminus and is shorter than isoform 1.