

Product datasheet for **SC317550**

Septin 3 (SEPT3) (NM_019106) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Septin 3 (SEPT3) (NM_019106) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEPTIN3
Synonyms:	bK250D10.3; SEP3; SEPT3
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_019106, the custom clone sequence may differ by one or more nucleotides ATGTCCAAAGGGCTCCCAGAGACCAGGACGGACGACGCCATGTCAGAGCTGGTGCCTGAG CCCAGGCCTAAGCCAGCGGTGCCATGAAGCCCATGAGCATCAACTCCAACCTGCTGGGC TACATCGGCATCGACACCATCATCGAGCAGATGCGCAAGAAGACCATGAAGACCGTTTC GACTTCAACATCATGGTCGTTGGCCAGAGTGGACTGGGCAAAATCAACGCTGGTCAACACG CTTTCAAATCCAAGTGAGCCGCAAGGCCTCCAGCTGGAACCGGGAGGAGAAGATCCCC AAGACAGTGGAGATCAAAGCTATCGGGCATGTGATAGAGGAAGGGGTGTCAAAATGAAG CTGACCGTCATCGACACCCAGGCTTTGGAGACCAAATCAACAATGAAAAGTCTGGGAG CCCATTGAGAAGTACATCAATGAGCAGTACGAGAAGTTCCTGAAGGAGGAGGTCAACATC GCCAGGAAGAAACGCATCCCTGACACTCGTGTCCACTGCTGCCTTTACTTCATCTCTCCC ACAGGACACTCCTTGGCACCCTGGATCTTGAGTTCATGAAACACCTCAGCAAGGTTGTG AACATCATCCCTGTCAATTGCTAAGGCTGACACCATGACCTGGAGGAGAAGTCTGAATTC AAGCAAAGGGTTCGCAAGGAGCTTGAAGTAAATGGCATTGAATTCACCCCAAGAGGAA TTTGATGAGGATTTGGAGGATAAGACGGAGAATGACAAAATCAGGCAGGAGAGCATGCCT TTTGCTGTGGTGGGAAGTGACAAGGAGTACCAAGTGAATGGCAAGAGGGTCTCGGCCGA AAAACCTCATGGGGATCATCGAAGTGGAAAACCTCAACCACTGTGAGTTTGGCCCTGCTT CGAGACTTTGTCAATCAGGACCCACCTCCAGGACCTCAAGGAAGTACACACAACATCCAC TATGAGACTTACAGGGCCAAGCGCTCAATGACAATGGAGGCCTCCCTCCGGTGAGCGTG GACACAGAGGAAAGCCACGACAGTAACCCA
Restriction Sites:	Please inquire
ACCN:	NM_019106
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).



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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:	NM_019106.5 , NP_061979.3
RefSeq Size:	4656 bp
RefSeq ORF:	1053 bp
Locus ID:	55964
UniProt ID:	Q9UH03
Cytogenetics:	22q13.2
Domains:	GTP_CDC
Gene Summary:	<p>This gene belongs to the septin family of GTPases. Members of this family are required for cytokinesis. Expression is upregulated by retinoic acid in a human teratocarcinoma cell line. The specific function of this gene has not been determined. Alternative splicing of this gene results in several transcript variants encoding different isoforms. [provided by RefSeq, May 2018]</p> <p>Transcript Variant: This variant (B) differs in the 5' UTR and coding sequence and in the 3' UTR and coding sequence compared to variant C. The resulting isoform (B) has shorter and distinct N- and C-termini compared to isoform C.</p>