

Product datasheet for **SC111799**

Protein downstream neighbor of Son (DONSON) (NM_017613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Protein downstream neighbor of Son (DONSON) (NM_017613) Human Untagged Clone
Tag:	Tag Free
Symbol:	Protein downstream neighbor of Son
Synonyms:	B17; C21orf60; MIMIS; MISSLA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_017613, the custom clone sequence may differ by one or more nucleotides

ATGGCCCTTTTCGGTGCCCGGCTACTCACCGGGCTTCCGAAAGCCGCCGAGGTAGTGCGGCTCCGACGGA
AAAGGGCCCGGAGCCGTGGAGCTGCCGCCTCCCGCCCGTGGAGCTGACGGAGCCGGCGGCCCGGAGC
CGCCCTGGTGGCGGGGCTGCCTCTTCGCCCTTTCCCTGCTGCGGGGGCAGAGCGGTGGCAGCGGCGGC
GGCCCGGCGCTGCTCGGAGGAACCCCTTCGCCCGCTGGACAACCGACCGGGTTCGCCCGGAGCCCC
CCGACGGGCCCGCCGCGAGCAGCCGAGGCCCCGGTCCCGTTTTAGATTCTAATCAAGAAAATGATT
GCTATGGGAAGAGAAGTTTCTGAAAGAACAAGTGTACTGAATTACCTCAGACTTCACATGTATCATT
TCCGAGCTGATATTCGTCTCAAAAAGTACTGAGTTACCTGTGGACTGGAGTATTAACGCGACTCC
TTTTACCTCTTCTCAACCTTTACCTGGGCAGATCATTTGAAAGCACAGGAAGAAGCTCAAGGTCTTGT
CCAGCATTGTAGGCAACAGAAGTTACTTTGCCTAAAAGTATACAGGATCCCAAACCTCCTCTGAGCTC
CGTTGTACCTTCCAGCAGAGCCTTATCTATTGGCTCCACCCTGCTTTGTCTTGGTACCCTGTTCCCTC
GTATTGGAGCTGATAGAAAAATGGCTGGAAAGACAAGTCTTGGTCAAATGATGCAACCTGCAGCATGT
TTAATGAGTGACTGGTCTGTGAGCTTTACTTCTCTATATAATTTGCTGAAGACAAAACCTTGCCCTAT
TTCTACGTTTGTACCTATCAGTTTACTGTCTGTTCGAGCAGCAGGATTAGCTGGAAGTGAATTAATCA
CAGCTCTCATATCTCAAACAACCTCGAGGTTAAGAGAAGCTATGAGAAATGAAGGTATTGAATTTCTCT
GCCTTTAATAAAGAAAGTGGCCATAAGAAGGAGACAGCATCTGGAACAAGCTTGGGATATGGGAGGAG
CAAGCCATCAGTGATGAGGATGAAGAGGAAAGTTTTCTGGCTGGAAGAGATGGGTGTGAAGATAAAA
TTAAAAAGCCAGACATACTTTCTATCAAGCTGCGTAAAGAGAAACATGAAGTACAAATGGATCACAGACC
TGAATCTGTTGTGTTGGTAAAAGGAATCAACACCTTTACATTGCTCAATTTTTGATTAACTCTAAGAGT
TTAGTTGCTACCTCAGGTCCACAGGCAGGACTTCTCCAACCTCTTGTCCCCTGTTGCTTTCCGAGGTG
CCACAATGCAAAATGCTTAAGGCACGGAGTGTGAATGTGAAGACACAAGCTTTTCTGGATACAGAGACCA
ATTTAGTTTGGAGATTACAGGTCTATCATGCCTCATTCTCTGCATTCACTGACCATGCTGCTCAATCT
TCACAGAGTGGATCTTTCTGTCAGTACTGTATCCACACGAGCCAACCTGCTGTATTTAACATCTGCCTGC
AAATGGACAAAGTACTTGATATGGAGGTTGTTCAAGGAGCTTACTAACTGTGGTTTGACCCCTAACAC
TCTGGAGCAACTTAGTCAAATACCGTTACTTGGGAAATCATCTTTACGGAATGTGGTGCTGAGAGACTAC
ATTTATAATTGGAGATCTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017613 unedited
GGTCGGGATTAGTATCCGACTTACTATAGNNGCGCGCGNAATTCGGCACGAGGTTTA
ATTTTTTTGTAGAGAGCCTTGTTTCCCAAGCTGCTGCACTATTTTCTATAAGGGACTTGA
GTATCTGGAGATTTTGGTCTTCATGGGGTCTGGAACCAATCCCTCATGGATGCGTGAG
GGATGACTGTATATCATACACATAAAGTTTACTGGCTTCTGCAACAAATTTTGAGCC
CATTAACCAACCGCCTGGTCAACGAATGTACATCTAAAGTAAGATATATACGTGCTAAA
ATTGTTTTTAATAAAAAATGCCATATGTAGTGTAGAAATGAAAACCTAGACACTATTTTCAT
TCGCATCCATTGAGATAATAGTGGTGAGCACTTAGGATAAGCACCAAGGCTTGACTTGCTG
CTCTTGCTCACTTGCTTGGAAATTTAGGCTCTATTACACCACCAACTCTCAAATCATT
CCCTGTTGTAGAGCTAACTTGACGTCCTACAGAATTTCTCAACTTAACATGTTGAGTC
TCTGAGAGTGCAAACTTGAAACAAGAGAAAGTGGCCTGCCTGGCATCCTCTGCTTATTG
AATGGTTTTATTTAATTCTCTTTACATTGCCACCTTAACAATCCTTCAGCTACGTATC
TTANAGGATGTGATGGAGAAGTTATCAACTGGTGTTCAGACCTCAGTTGGATGAACCC
ATTCCACTGTATGAAGCANAAGTTTCCATGGAAGCTGTTCAAGAAAATCAAGGAAGAAAA
AGCGCCAACCCCGCTGATCACATCCTGCTGCGGCTTAATAGAGTTAGCTATTCGTGCC
CACAGGTAGTGACATAACGCCTGAATGATACTTTCAGAACGTCGTGACCTGCGACTNACT
TG

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_017613 unedited <pre> ACCGCGGCCGCAATCTAGAGTCGAGTT TTTTTTGAATTTTAAGCACTTTTATTTTAAAAATAGGGAATTATACAGGTCCCCCCTA CACATACATACATAC CACACACACACACACACACCCCTATAAGCACATTAAAACTACTTTGCCGGGACAGGT CAGGGGACTTCAAAATTTTTAACTATTCTATGGGAAAAACAAAAGGCTTTTTATCTG AAATAACATGCATTTAAAAAGGTTTAGTATATGGGAAAAATAAGGAATTATAAATCAGTA GGAAAGATATTAAGGGAGAAGCATCACCATCACTAGCTTAGGAAAAAGGGGGCCGGATT TATTTTCTACCTTTAAGAAACAAAAACCCGGTAACAGGGAATCGAAAGGAACATATTT TTGGCCTGGTGCCATTAATCACAATGGCATGGGGGAACCGGTATGTGATTTCCATTTGC AAGGGAGCAAAATTAATTCAGTTTCTGGTCAAAATACAAATAGGGGGGAGGGATATAGAAT ATCTCATTTGAGCTATCTGAGGTTTTCATTCTTTAATTTAAAAAACTAACTGGAAAAG GAAAACACATTTAAAAACCCAAAAGCCACCGGGAGAAAAAGTATGTTTAAAAAACTTCA AGATATTCCTTCAACCTCAAAAAACCTGAAGATCCCTTGGTAGAAAGGGTTTTTTCCTC AAAGAATACCCTTTAGGCTTACCTGTGGGGGGCAGGGACCCCAATAAAAAGGACGGCC CCACACACCCCACTCTCGAAAAAGAGAAATCTCCAAGANCACGGGTTTTTCGAAACAATG GCCCACAAGGGGAGGGGGCAAACCAATTAGGAGGGCCCTATAAGAACCCCCATAAAA GAGACTG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_017613
Insert Size:	3670 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	NM_017613.1 , NP_060083.1

RefSeq Size:	2538 bp
RefSeq ORF:	2538 bp
Locus ID:	29980
UniProt ID:	Q9NYP3
Cytogenetics:	21q22.11
Gene Summary:	This gene lies downstream of the SON gene and spans 10 kb on chromosome 21. The function of this gene is unknown. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) is the longest transcript and encodes the longest isoform (a).