

Product datasheet for **SC326183**

NSP3 (SH2D3C) (NM_001142534) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NSP3 (SH2D3C) (NM_001142534) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSP3
Synonyms:	CHAT; NSP3; PRO34088; SHEP1
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001142534, the custom clone sequence may differ by one or more nucleotides

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ATGACCGAGCGGTGCAGCCTGTGGAGTGCCTGTGCGCCGCCCTGCTGCTTCTACCGC
GGCTCCTTCGTGCAGTTCTCAAGGAGAAGTACATCCTGGACTCATCGCCAGAGAAACTC
CACAAGGAATTGGAGGAGGAGCTCAAATCAGCAGCACGGATCTCCGAGCCATGCCTGG
TACCATGGCCGCATCCCCGAGAGGTCTCGGAGACCTTGGTACAACGCAACGGCGACTTC
CTCATCCGGGACTCACTACCAGCCTGGGCGACTATGTGCTCACGTGCCGCTGGCGCAAC
CAGGCCTTGCACTTCAAGATCAACAAGGTGGTGGTGAAGGCAGGCGAGAGCTACACACAC
ATCCAGTACCTGTTTGGAGCAGGAGACTTTGACCACGTGCCCGCCCTCGTGCGCTATCAT
GTGGGCAGCCGCAAGGCTGTGTGAGAGCAGAGTGGTGCATCATCTACTGCCCGTGAAC
CGCACCTTCCACTGCGCTACCTCGAGGCCAGCTATGGCCTGGGACAGGGGAGTAGCAAG
CCTGCTAGCCCCGTAGCCCCCTCAGGCCCAAGGGCAGCCACATGAAGCGGCGCAGCGTC
ACCATGACCGATGGGCTCACTGTGACAAGGTACCCGCGAGCGATGGCTGCCACCAGT
ACGTCGCTGCCCCGCCCTCGGGACTCCATCCGAGCTGTGCCCTCAGCATGGACCAGATC
CCAGACCTGCACTACCCATGTGCCCCATCTCCGAGAGCCCTAGTCCCCTGCCTACAGC
ACTGTAACCCGTGTCATGCCGCCCTGCAGCCCTTCTGCCACAGCATTGCCTGCCTCC
CCTGTGCGCCGCCGTTCCAGTGAGCCCCAGCTGTGTCGCGGAAGTGCCCCAAAGACCCAT
GGGGAGTCAGACAAGGGCCCCACACCAGCCCCTCCACACCCTTGGCAAGGCTCCCCG
TCACCATCACTCAGCAGCTACAGTGACCCGGACTCTGGCCACTACTGCCAGTCCAGCCT
CCCGTGGTGGCAGCCGAGAGTGGGCGAGCTGAGACCTCCAGCCAGCAGGCCAGGAGC
TATGGGGAGAGGCTAAAGGAAGTGTGAGAAAATGGGGCCCTGAAGGGGACTGGGGCAAG
ACCTTACAGTCCCCATCGTGAAGTCACTTCTCCTTCAACCCGGCCACCTTCCAGTCA
CTACTGATCCCCAGGGATAACCGGCCACTGGAGGTGGCCTTCTGCGCAAGTCAAGGAG
CTGCTGGCAGAAGTGGATGCCCGGACGCTGGCCCGCATGTACCAAGGTGGACTGCCTG
GTTGCTAGGATACTGGGCGTTACCAAGGAGATGCAGACCCTAATGGGAGTCCGCTGGGGC
ATGGAAGTGTCAACCCTCCCCATGGCCGGCAGCTACGCCTAGACCTGCTGGAAGGTTT
CACACCATGTCCATCATGCTGGCCGTGGACATCCTGGGCTGCACCCGGCTCTGCGGAGGAG
CGGGCAGCGCTGTGCACAAGACCATTAGCTGGCGGCCGAGCTGCGGGGGACTATGGGC
AACATGTTAGCTTCGCGCGGTATGGGTGCCCTGGACATGGCCAGATTTCTCGGCTG
GAGCAGACATGGGTGACCCTGCGGCAGCGACACACAGAGGGTGCATCCTGTACGAGAAG
AAGCTCAAGCCTTTTCTCAAGAGCCTCAACGAGGGCAAAGAAGGCCCGCCGCTGAGCAAC
ACCACGTTTCTCATGTGCTGCCCTCATACCCTGCTGGAGTGTGACTCGGCCCCACCA
GAGGGCCCTGAGCCCTGGGGCAGCACGGAGCACGGCGTGGAGGTGGTGTGGCTCACCTG
GAGGCCGCCGCACAGTGGCACACCACGGAGGCCTGTACCACACCAATGCTGAAGTCAAG
CTGCAGGGGTTCCAGGCCCGCCGGAGCTCCTGGAGGTGTTTACGACGGAGTTCAGATG
CGCCTTCTTGGGGCAGTCAGGGTGCCAGCAGCAGCCAGGCCCGGCGCTATGAGAAGTTC
GACAAGGTCTCACTGCCTGTCCACAAGCTGGAACCTGCTGTCCGCTCCAGCGAGCTG

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Restriction Sites: Please inquire

ACCN: NM_001142534

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_001142534.1, NP_001136006.1</u>
RefSeq Size:	2666 bp
RefSeq ORF:	2103 bp
Locus ID:	10044
UniProt ID:	<u>Q8N5H7</u>
Cytogenetics:	9q34.11
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes an adaptor protein and member of a cytoplasmic protein family involved in cell migration. The encoded protein contains a putative Src homology 2 (SH2) domain and guanine nucleotide exchange factor-like domain which allows this signaling protein to form a complex with scaffolding protein Crk-associated substrate. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]</p> <p>Transcript Variant: This variant (6) includes an alternate exon in the 5' coding region, compared to variant 1. It encodes isoform e, which is shorter and has a distinct N-terminus compared to isoform a.</p>