

Product datasheet for **SC325271**

NEDD1 (NM_001135175) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NEDD1 (NM_001135175) Human Untagged Clone
Tag:	Tag Free
Symbol:	NEDD1
Synonyms:	GCP-WD; TUBGCP7
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001135175, the custom clone sequence may differ by one or more nucleotides <pre> ATGCATTTTACAGGCGCAGTCATGCAGGAAAACCTCAGATTTGCTTCATCAGGAGATGAT ATTAATAATATGGGATGCTTCATCTATGACATTGGTGGATAAATCAACCCACACACATCA CCACATGGAATCAGCTCAATATGTTGGAGCAGCAATAAATACTTTTAGTAACAGCATCT TCCAGTGGCGACAAAATAGTTGTCTCAAGTTGCAAAATGTAACCTGTTCCACTTTTAGAG CTTGCTGAAGGGCAAAAGCAGACATGTGTCAATTTAAATTCTACATCTATGTATTTGGTA AGCGGAGGCCTAAATAACACTGTTAATATTTGGGATTTAAAAATCAAAAAGAGTTTCATCGA TCTCTTAAGGATCATAAAGATCAAGTAACCTGTGTAAACATACAATTGGAATGATTGCTAC ATTGCTTCTGGATCTCTTAGTGGTGAAATTATTTTACACAGTGAACCACTAATTTATCT AGTACTCCTTTTGGCCATGGTAGTAACCACTGCTGTTCCGCACTTGAAGTACTCCTTGTTT AAGAAATCACTACTGGCAGTGTTCGGATAATGGAATAGTAACCTCTCTGGGATGTAAT AGTCAGAGTCCATACCATAAATTTGACAGTGTACACAAAGCTCCAGCGTCAGGCATCTGT TTTTCTCTGTCAATGAATTGCTCTTTGTAACCATAGGCTTGGATAAAGAATCATCCTC TATGACACTTCAAGTAAGAAGCTAGTGAAGCTTTAGTGGCTGACACTCCTCTAACTGCG GTAGATTTTCATGCCTGATGGAGCCACTTTGGCTATTGGATCTTCCCGGGGAAAAATATAT CAATATGATTTAAGAATGTTGAAATCACCAGTTAAGACCATCAGTGCTCAAGACATCT GTGCAGTGTATAGCATTTCACTACTCCACTGTTCTTACTAAGTCAAGTTTAAATAAAGGC TGTTCAAATAAGCCACAAACAGTGAACAAACGAAGTGTAAATGTGAATGCTGCTAGTGGA GGAGTTGAGAATTCGGGAATTGTGAGAGAAGCACCTGCCACGTCCTATGCCACAGTTCTA CCACAACCTATGACATCAGCTATGGGGAAGGAACAGTTGCTGTTCAAGAAAAAGCAGGT TTGCCTCGAAGCATAAACACAGACACTTTATCTAAGGAAACAGACAGTGGAAAAATCAG GATTTCTCCAGCTTTGATGATACTGGGAAAAGTAGTTTAGGTGACATGTTCTCACCTATC AGAGATGATGCTGTAGTTAACAAAGGAAGTGATGAGTCCATAGGCAAGGAGATGGCTTT GACTTTCTACCGCAGTTGAACTCAGTGTTTCTCCAAGAAAAATCCAGTAACTTCAAGT ACTTCAGTATTGCATTCTAGTCTCTTAATGTTTTATGGGATCTCCAGGGAAAGAGGAA AATGAAAACCGTGATCTAACAGCTGAGTCTAAGAAAATATATATGGGAAAACAGGAATCT AAAGACTCCTTCAAACAGTTAGCAAAGTTGGTCACATCTGGTGTGAAAGTGGAATCTA AATACCTCTCCATCATCTAACCAACAAGAAATCTGAGAAATTTGAAAAGCCAGAGAAT GAAATTGAAGCCAGTTGATATGTGAACCCCAATCAATGGATCCTCACTCCAAATCCA AAGATAGCATCTTCTGTCACTGTGGAGTTGCCAGTTCCTCTCAGAAAAATAGCCGAC AGCATTGGAAATAACCGGCAAAATGCACCATTTGACTTCCATTCAAATTCGTTTTATTGAG AACATGATACAGGAAACGTTGGATGACTTTAGAGAAGCATGCCATAGGGACATTGTGAAT TTGCAAGTGGAGATGATTAACAGTTTCATATGCAACTGAATGAAATGCATTCTTTGCTG GAAAGATACTCAGTGAATGAAGGTTTAGTGGCTGAAATTGAAAGACTACGAGAAGAAAAC AAAAGATTACGGGCCCACTTT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001135175
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:	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_001135175.1, NP_001128647.1</u>
RefSeq Size:	3805 bp
RefSeq ORF:	2004 bp
Locus ID:	121441
UniProt ID:	<u>Q8NHV4</u>
Cytogenetics:	12q23.1
Gene Summary:	Required for mitosis progression. Promotes the nucleation of microtubules from the spindle. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).