

Product datasheet for **SC323931**

Deoxyribonuclease I like 1 (DNASE1L1) (NM_001009933) Human Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Deoxyribonuclease I like 1 (DNASE1L1) (NM_001009933) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Deoxyribonuclease I like 1 |
| Synonyms: | DNAS1L1; DNASEX; DNL1L; G4.8; XIB |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_001009933.1
 CCCTATT CAGGCAGGAGCTGCTCTTCTGGGGTATCGCGATCCACTTAAGGATGAGGCAGA
 CTTGGTGACAAGCTGGTCTGAGCAGCGCTTCCAGAGCCAGAACTGAGCCCAGTGAGAGCG
 CACCCTGGGGCAGCCTGGATTCTGGGGTGTCCCCGGCAGCCACACAGCCATGCACTA
 CCCAACTGCACTCCTCTTCTCATCTGGCCAATGGGGCCAGGCCTTTCGCATCTGCGC
 AGTTCCGATACTGGCTCGCTGTGACATCATGGTGTGCTGCAGGAGGTGGTGGACTCTCCGG
 CAGCGCCATCCCCCTCTGCTTCGAGAATCAATCGATTTGATGGCTCTGGGCCCTACAG
 CACCCTGAGCAGCCCCAGCTGGGGCGCAGCACCTACATGGAGACGTATGTGTAATTCTA
 TCGGTCACACAAAACACAGGTCCTGAGTTCCTACGTGTACAACGATGAGGATGACGTCTT
 TGCCCGGGAGCCATTTGTGGCCAGTTCTCTTTGCCAGCAATGCCTTCCCAGCCTGGT
 GTTGGTCCCGCTGCACACCCTCTAAGGCCGTAGAGAAGGAGCTGAACGCCCTCTACGA
 TGTGTTTCTGGAGGTCTCCAGCACTGGCAGAGCAAGGACGTGATCCTGCTTGGGACTT
 CAATGCTGACTGCGCTTCACTGACCAAAAAGCGCTGGACAAGCTGGAGCTGCGGACTGA
 GCCAGGCTTCCACTGGGTGATTGCCGATGGGGAGGACACCACAGTCCGGGCCAGCACCCA
 CTGCACCTATGACCGCGTGTGCTGCACGGGGAGCGCTGCCGGAGTCTGCTGCACACTGC
 GGCTGCCTTTGACTTCCCCACGAGCTTCCAGCTCACCGAGGAGGAGGCCCTCAACATCAG
 TGACCACTACCCCGTGGAGGTGGAGCTGAAGCTGAGCCAGGCACACAGCGTCCAGCCTCT
 CAGCCTCACTGTTCTGTTGCTGTATCACTCCTGTCCCCCTCAGCTGTGCCCTGCTGCCTG
 AGCGTCCCCCTACCCCCCAGGGCTGCTGCCTTTTGGGACTTAAACCCAGCCTCCCC
 GTCCATCCAGCCTGGGGCTGGGGGGCTTCAACTATAGTTGCCCTGTGACTGTAGTCCAC
 CCCTGCCTGCCTTGTGTTGATTGGCTCTGTTCTTTGGTGGCTTGTGCCTAGATTAGG
 AGAGGAAGCCAGGGGCCCTGCACCTCATGCCACCTGCCAGGTAGTGTAGTATCAGGAGTGG
 AGACAAAAGTGGGCTCTGGGTTGGGGTAGGGGAAGGGAGGTTTCAGAAAGAGGAATGAAGA
 TGTTGTATGACAAGAAGGAAAGTTACTGAGAACAAAACCCAGATTGGTGTAGATAGGACA
 CTTGTGCAGCAGATATGCCAATGGGCCATGTTTATTGTGGATTGGTAAGAATCACCAGGA
 AACCATTAAGCCCAATAGCTACAAGGAGGGTGGTTAATCTGCTATATCAAACCTCTTCC
 CTGAAACCAGCAAACACCGGAAACATTTGGCTCATTATAATCCGGTGAACAATGCAGT
 CAGGCCTGTTATAACCGCTGAGCAGCCACACTCGCACCTCCTGGGTGCTGTAGTCTGTGT
 TGGTACAGGCTTCTGCATGCCTGGTAAAGTCCAGCCAAGGCTGGTCAAGGCAACATCTCC
 ACACAGAAAATCTGCACCAGTTATGTAAGCTAAAAGCTGTGTGAACCCAGGTGTCCCGG
 AAAGGGGCTGCAGGACACAGAAAATGCCAGCAGCGTCCCGGACCCTCCCTTCCATCCT
 CCTCTCCAAAGAACAGAGGTGAGGAAAAACACTGGCTGGGACGCTAGAAGGGTCAATGTGT
 TAACTATAATCACATTTATGTTTGGAAACCATACCCCAAGGTAACAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_001009933

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: [NM_001009933.1](#), [NP_001009933.1](#)

RefSeq Size: 2750 bp

RefSeq ORF: 909 bp

Locus ID: 1774

UniProt ID: [P49184](#)

Cytogenetics: Xq28

Gene Summary: This gene encodes a deoxyribonuclease protein that shows high sequence similarity to DNase I. The encoded protein is localized to the endoplasmic reticulum and modified by N-linked glycosylation. Alternate transcriptional splice variants encoding the same protein have been observed. [provided by RefSeq, Jan 2015]
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, 4, and 5 encode the same protein.