

Product datasheet for **SC301448**

Deoxyribonuclease I like 1 (DNASE1L1) (NM_001009934) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Deoxyribonuclease I like 1 (DNASE1L1) (NM_001009934) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNASE1L1
Synonyms:	DNAS1L1; DNASEX; DNL1L; G4.8; XIB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301448 representing NM_001009934. Blue=Insert sequence Red=Cloning site Green=Tag(s)

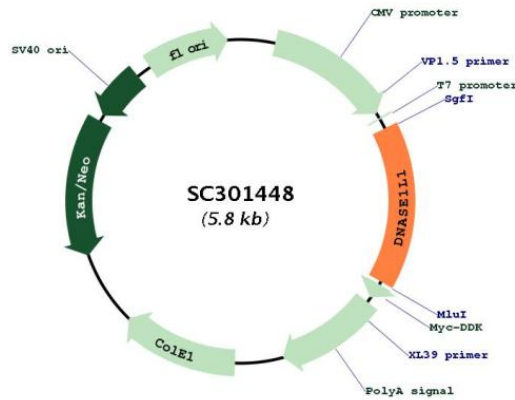
```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCACTACCCAAGTGCCTCTTCTCATCTGGCCAATGGGGCCAGGCCTTTCGCATCTGCGCC
TTCAATGCCAGCGGCTGACACTGGCCAAGGTGGCCAGGGAGCAGGTGATGGACACCTTAGTTCGGATA
CTGGCTCGCTGTGACATCATGGTCTGCAGGAGGTGGTGGACTTCCGGCAGCGCCATCCCGCTCTG
CTTCGAGAAGTCAATCGATTTGATGGCTCTGGGCCCTACAGCACCTGAGCAGCCCCAGCTGGGGCGC
AGCACCTACATGGAGACGTATGTGACTTCTATCGGTACACAAAACACAGGTCTGAGTTCCTACGTG
TACAACGATGAGGATGACGTCTTTGCCCGGAGCCATTTGTGGCCAGTCTCTTTGCCAGCAATGTC
TTCCCAGCCTGGTGTGGTCCCCTGCACCACTCCTAAGGCCGTAGAGAAGGAGCTGAACGCCCTC
TACGATGTGTTTCTGGAGTCTCCAGCACTGGCAGAGCAAGGACGTGATCCTGCTTGGGACTTCAAT
GCTGACTGCGCTTCACTGACAAAAAGCGCCTGGACAAGCTGGAGCTGCGGACTGAGCCAGGCTTCCAC
TGGGTGATTGCCGATGGGGAGGACACCAGTGGGGCCAGCACCCTGACCTATGACCGCGTCGTG
CTGCACGGGAGCGCTGCCGGAGTCTGTCACACTGCGGCTGCCTTTGACTTCCCACGAGCTTCCAG
CTCACCGAGGAGGAGCCCTCAACATCAGTGACCACTACCCCGTGGAGGTGGAGCTGAAGCTGAGCCAG
GGCACAGCGTCCAGCCTCTCAGCCTACTGTTCTGTTGCTGCTATCACTCCTGTCCCCTCAGCTGTGC
CCTGCTGCC TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001009934

Insert Size: 909 bp

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_001009934.2](#)

RefSeq Size: 2683 bp

RefSeq ORF: 909 bp

Locus ID: 1774

UniProt ID: [P49184](#)

Cytogenetics: Xq28

MW: 33.9 kDa

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 (4) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, 4, and 5 encode the same protein.