

Product datasheet for **SC115893**

Deoxyribonuclease I like 1 (DNASE1L1) (NM_006730) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Deoxyribonuclease I like 1 (DNASE1L1) (NM_006730) Human Untagged Clone
Tag:	Tag Free
Symbol:	Deoxyribonuclease I like 1
Synonyms:	DNAS1L1; DNASEX; DNL1L; G4.8; XIB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115893 sequence for NM_006730 edited (data generated by NextGen Sequencing)

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ATGCACTACCCAACTGCACTCCTCTTCCTCATCCTGGCCAATGGGGCCAGGCCTTTCCG
ATCTGCGCCTTCAATGCCAGCGGCTGACTGCGCAAGGTGGCCAGGGAGCAGGTGATG
GACACCTTAGTTCGGATACTGGCTCGCTGTGACATCATGGTGCTGCAGGAGGTGGTGGAC
TCTTCCGGCAGCGCCATCCCGCTCCTGCTTCGAGAACTCAATCGATTTGATGGCTCTGGG
CCCTACAGCACCTGAGCAGCCCCAGCTGGGGCGCAGCACCTACATGGAGACGTATGTG
TACTTCTATCGGTACACAAAACACAGGTCCTGAGTTCCTACGTGTACAACGATGAGGAT
GACGTCTTTGCCGGGAGCCATTTGTGGCCAGTTCTCTTTGCCAGCAATGCTCCTTCCC
AGCCTGGTGTGGTCCCCTGCACACCACTCCTAAGCCGTAGAGAAGGAGCTGAACGCC
CTCTACGATGTGTTTCTGGAGGTCCTCCAGCACTGGCAGAGCAAGGACGTGATCCTGCTT
GGGGACTTCAATGCTGACTGCGCTTCACTGACCAAAAAGCGCCTGGACAAGCTGGAGCTG
CGGACTGAGCCAGGCTTCCACTGGGTGATTGCCGATGGGGAGGACACCACAGTGC GGCC
AGCACCCACTGCACCTATGACCGCGTCGTGCTGCACGGGGAGCGCTGCCGGAGTCTGCTG
CACACTGCGGCTGCCTTTGACTTCCCCACGAGCTTCCAGCTCACCAGGAGGAGGCCCTC
AACATCAGTGACCACTACCCCGTGGAGGTGGAGCTGAAGCTGAGCCAGGCGCACAGCGTC
CAGCCTCTCAGCCTCACTGTTCTGTTGCTGCTATCACTCCTGTCCCCTCAGCTGTGCCCT
GCTGCCTGA

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Clone variation with respect to NM_006730.2
201 c=>g



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006730 unedited
 NGTCAAAATTTGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGCCACGCCCA
 GCCCATAATTTATTGATTTTTTAAAAATTTGTCCAGCCTTCTATTACCACGTGCAATCCAT
 TAGCTACAGCCATCCCATGAGAAGCTGAGTGGATTAGCCACCTCCTGCTCACAGACC
 CTGTCCGAGCACCTCATTGTCCCAACAGCATTACTGCAGGACCCCCAGGACGTTGGACT
 GCCAGCTCCCTGGGTCTCCTCCTCTCTGGGGCAGATCCTCAGTCCTCCCTTGACTTCACG
 ACTGTGGCCAGATCATGTGTGGACTGTCCCTCTCTTTGGGTCTCCAGAGCGCTTGCAATCA
 AACACCCCTAACTCAGAAGTGTGCAGCCACTGGGACTCAGAACCCAACAACAGGGACA
 GAAGACTCACGCCCTTGGGGTGCCCGGTCTCGTGGCATCAGGCATGACTTCCAGCTCCTG
 CGCCTTCCCAGCAACTGCTGACTGGGGACCCAGACCGGGAGCTGAGCGACGGGCTGGC
 GAGCGAAGCTCGGGGTCTCACTCAGGCACCAGCCCTCCTTGCCCCAGGCTTGAGTGACT
 CACAGGTCTGTATGTCCCCTGGCCCGGAAGGCGNGTCTGGGTGGGAAGGTGGGCGG
 GCAGGTACAGAGTCCCCAGCCTGGTGTGGTCTNCTTNTGNNCGCGAGCGGAAACN
 GGGCGGGCTGCCTGGTGGCAGGTTGGGCGTNCGGCCACCAGGCCCTTCTGGCCGGTG
 GCTCAGAACACAGNCTTCTCCTTTTTTTTCCCTCCTAGCCCCTATCAGCAGACTGCTCT
 TTGGGGTATCGCGACCCTTAGATGAGCANACTGGTGACAGCTGTCTGAGCGCGCTTCA
 GACCAGACG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006730 unedited
 TAGCTTGNACCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTAGGTT
 TTTAATTACCTTTATTTTATTTTGCCTAACATACTGGGAATACCTTTTATTTTTTTTTT
 ACCTTGGGGTGATGGTTCCAAACATAAATGTGATTATAGTTAACACATGACCCTTCTAG
 CGTCCCAGCCAGTGTTCCTGACCTCTTTCTTTGGAGAGGAGGATGGAAGGGAGGGG
 TCCGGCATGCTGTGGCATTGCTGTGTCTGCAGCCCTTCCGGGACACCTGGGTTC
 ACACAGCTTTTTAGCTTACATAACTGGTGCAGATTTTCTGTGTGGAGATGTTGCCTTGAC
 CAGCCTTGGCTGGACTTTACCAGGCATGCAGAAGCCTGTACCAACACAGACTACAGCACC
 CAGGAGGTGCGAGTGTGGCTGCTCANCAGTTATAACAGGCCTGACTGCATTGTTACCCGG
 ATTATAATGAGCCAAAATGTTTCCCGGTGTTGCTGGTTTCAGGGAAGGAGTTTGATATA
 GCAGATTAACCACCTCCTTGTAGCTATTGGGGCTTAATGGTTTCTGGTATTCTTACC
 AATCCACAATAAACATGGCCATTGGCATATCTGCTGCACAAGTCTCTATCTCACCAAT
 CTTGGTTTTTGTCTCAGTAACCTTCTTTCTGTACATAACAATCTTCTTCTCTTTCT
 GAACCTTCTTCCCTACCCCAACCCAGAGCCCACTTTGTCTCCACTCCTGATACTAC
 ACTACCTGGCAAGTGGCATGAGTGCCAGGCCCTGGCTTCTCTTCTATTTAGGCACAGC
 CCCACCAAGAACCAGAGCCAATCAAACCAGGCAGCCAGGGTTGACTTCAGTCACCGGG
 CAACTATAGTTGAAGCCCCCAGCCCCAGGCTGGATGGACGGGGAAGCTTGGGTTATAAT
 CCAAAGGCACAGGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_006730

Insert Size:

2880 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).

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:	NM_006730.1 , NP_006721.1
RefSeq Size:	2661 bp
RefSeq ORF:	909 bp
Locus ID:	1774
UniProt ID:	P49184
Cytogenetics:	Xq28
Domains:	Exo_endo_phos, DNaseIc
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, 3, 4, and 5 encode the same protein.</p>