

Product datasheet for RC216956

Deoxyribonuclease I like 1 (DNASE1L1) (NM_001009932) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Deoxyribonuclease I like 1 (DNASE1L1) (NM_001009932) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Deoxyribonuclease I like 1
Synonyms:	DNAS1L1; DNASEX; DNL1L; G4.8; XIB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC216956 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCACTACCCAAGTGCCTCTTCTCATCTGGCCAATGGGGCCAGGCCTTTGCGATCTGCGCCT
TCAATGCCAGCGGCTGACACTGGCCAAGGTGGCCAGGGAGCAGGTGATGGACACCTTAGTTCGGATACT
GGCTCGCTGTGACATCATGGTGTGCAGGAGGTGGTGGACTCTCCGGCAGCGCCATCCCCCTCCTGCTT
CGAGAAGTCAATCGATTTGATGGCTCTGGGCCCTACAGCACCCCTGAGCAGCCCCAGCTGGGGCGCAGCA
CCTACATGGAGAGGTATGTGACTTCTATCGGTACACAAAACACAGGTCTGAGTTCCTACGTGTACAA
CGATGAGGATGACGTCTTTGCCCGGAGCCATTTGTGGCCAGTTCTCTTTGCCAGCAATGTCTTCCC
AGCCTGGTGTGGTCCCCTGCACACCCTCCTAAGGCCGTAGAGAAGGAGCTGAACGCCCTCTACGATG
TGTTTCTGGAGGTCTCCAGCACTGGCAGAGCAAGGACGTGATCCTGCTTGGGGACTTCAATGCTGACTG
CGCTTCACTGACCAAAAAGCGCCTGGACAAGCTGGAGCTGCGGACTGAGCCAGGCTTCCACTGGGTGATT
GCCGATGGGGAGGACACCACAGTGCAGGAGCAGCCACTGCACCTATGACCGCTCGTGTGCACGGGG
AGCGCTGCCGGAGTCTGCTGCACACTGCGGCTGCCTTTGACTTCCCACGAGCTTCCAGCTACCCGAGGA
GGAGGCCCTCAACATCAGTGACCACTACCCCGTGGAGGTGGAGCTGAAGCTGAGCCAGGCACACAGCGTC
CAGCCTCTCAGCCTCACTGTTCTGTTGCTGCTATCACTCCTGTCCCCTCAGCTGTGCCCTGCTGCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001009932.2](#), [NP_001009932.1](#)

RefSeq Size: 3008 bp

RefSeq ORF: 909 bp

Locus ID: 1774

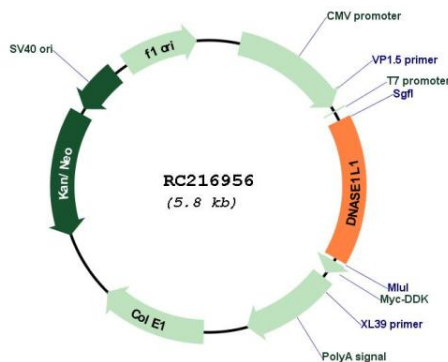
UniProt ID: [P49184](#)

Cytogenetics: Xq28

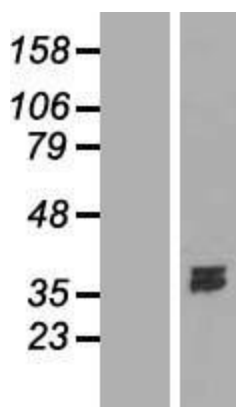
MW: 33.9 kDa

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]

Product images:



Circular map for RC216956



Western blot validation of overexpression lysate (Cat# [LY423155]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216956 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).