

Product datasheet for **SC335188**

DNASE1L2 (NM_001301680) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DNASE1L2 (NM_001301680) Human Untagged Clone
Tag: Tag Free
Symbol: DNASE1L2
Synonyms: DNAS1L2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335188 representing NM_001301680.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

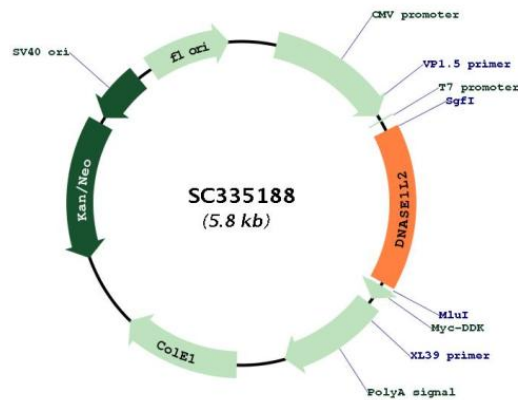
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ATGGGCGGGCCCCGGGCTCTGCTGGCCGCACTCTGGGCGCTGGAAGCCGCCGGGACCGCCGCTTCGC
ATCGGAGCCTTCAACATTCAGAGCTTCGGTGACAGCAAAGTGTCGGACCCCGCTTGGCAGCATCATC
GCGAAGATCCTGGCTGGCTATGACCTCGCGCTGGTGCAGGAGGTGCGAGACCCAGACCTCAGCGCCGTG
TCCGCGCTCATGGAGCAGATCAACAGCGTGTCCGAGCAGGAGTACAGCTTTGTGAGCAGCCAGCCCTG
GGCCGGGACCAGTACAAGGAGATGTACCTGTTCTGTACAGGAAAGACCGGTTGCGTCTGGACACC
TACCTGTACCCAGACCCCGAGGACGTCTCAGCCGCGAGCCCTTCGTGGTCAAGTTCTCGGCCCCCGGC
ACCGGTGAGCGGGCCCCGCCCTCCCCTCCCGCCGAGCTCTGACGCCCCACCCCTCCCGCAGCAGCA
CAGAACCCTGGTGCTGATCCCGCTGCACGCGGCGCCGATCAAGCCGTGGCGGAGATCGACGCGCTTAC
GACGTGTACCTGGACGTGATCGACAAGTGGGGCACCGACGACATGCTGTTCTGGGCGACTTCAACGCC
GACTGCAGCTATGTGCGGGCGCAGGACTGGGCCCATCCGTCTGAGGAGCAGTGAGGTCTTCAAGTGG
CTCATCCCTGACAGCGCCGACACCACGGTGGGCAACTCAGACTGCGCCTACGACCGCATTGTGGCCTGT
GGCGCCCGCTGCGCCGGAGCCTGAAGCCCCAGTCGGCCACCGTGCACGACTTCCAGGAGGAATTCGGC
CTGGACCAGACTCAGGCTCTTCCATCAGCGACCACTTCCAGTGGAGGTGACCCTCAAGTCCACCGA
TGA
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001301680

Insert Size: 900 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:

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_001301680.1</u>
RefSeq Size:	1342 bp
RefSeq ORF:	900 bp
Locus ID:	1775
UniProt ID:	<u>Q92874</u>
Cytogenetics:	16p13.3
Protein Families:	Secreted Protein
MW:	32.9 kDa
Gene Summary:	<p>Divalent cation-dependent acid DNA endonuclease involved in the breakdown of the nucleus during corneocyte formation of epidermal keratinocytes. May play an immune role by eliminating harmful DNA released into the extracellular environment by damaged epidermal cells.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>