

Product datasheet for **SC122592**

DNASE1L2 (NM_001374) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DNASE1L2 (NM_001374) Human Untagged Clone
Tag: Tag Free
Symbol: DNASE1L2
Synonyms: DNAS1L2
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_001374 edited

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GCAGTCTGTGTCGGACACGCCCGCAGCCTGGACCCGGGATCCCCATCCCCCTAGGATCT
CTGAGCCTCGGGCCTCTGACCCACATCCAAGCCTCTCGTCCGCGCCATGGGCGGGCCC
CGGGCTCTGCTGGCCGCACTCTGGGCGCTGGAAGCCGCCGGGACCGCCGCGCTTCGCATC
GGAGCCTTCAACATTCAGAGCTTCGGTGACAGCAAAGTGTGGACCCCGCTTGGCGCAGC
ATCATCGGAAGATCCTGGCTGGCTATGACCTCGCGCTGGTGCAGGAGGTGCGAGACCCA
GACCTCAGCGCCGTGTCGCGCTCATGGAGCAGATCAACAGCGTGTCCGAGCAGGATAC
AGCTTTGTGAGCAGCCAGCCCTGGGCCGGGACCAGTACAAGGAGATGTACCTGTTCTGTG
TACAGGAAAGACGCGGTGTCGGTCTGGACACCTACCTGTACCCAGACCCCGAGGACGTC
TTCAGCCGCGAGCCCTTCGTGGTCAAGTTCCTCGGCCCGGACCGGTGAGCGGGCCCCG
CCCCTCCCCTCCCGCCGAGCTCTGACGCCCCACCCCTTCCCAGCAGCAGACAGAACCTG
GTGCTGATCCCGCTGCACGCGGCCCGCATCAAGCCGTGGCGGAGATCGACGCGCTCTAC
GACGTGTACCTGGACGTGATCGACAAGTGGGGACCGACGACATGCTGTTCTGGGCGAC
TTCAACGCCGACTGCAGCTATGTGCGGGCGCAGGACTGGGCCGCCATCCGTCTGAGGAGC
AGTGAGGTCTTCAAGTGGCTCATCCCTGACAGCGCCGACACCACGGTGGGCAACTCAGAC
TGCGCCTACGACCGCATTGTGGCCTGTGGCGCCCGCTGCGCCGGAGCCTGAAGCCCCAG
TCGGCCACCGTGCACGACTTCCAGGAGGAATTTCGGCCTGGACCAGACTCAGGCTTTGCC
ATCAGCGACCACTTTCCAGTGGAGGTGACCCTCAAGTTCACCCGATGACTCGAGGCTGG
CTGGGGCATGCCACCTGCAGACCCTGGCTCTGAGGAATGGCCAAACAGTGGCCCCCTCAG
GGTGGCAGCCACCCTTCAAGTGGGCCCCAAGGCAGAGTCGGCTGGGCGTGGACCAGGGGC
CATGGACACGTGATGTGCTGCTGTACCTCCGTTCCCCATCTGTGGGACGGGCTGCATC
CAGCGACCTCATGGGTGTTGTGAGCCCCATGAGGGGTGCAGGGGGCACTGCCCGCAGA
TGTCTGCTCAATAAATGAGCTGCTCCCGGTGGGCCCCACACAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAA
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|-------------------------------------|--|
| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_001374 unedited TCATAATTGTATACGACTCATATAGGCGGCCGACGAATCATATCTGGTACCGGTCCGGAA TTCCCCGGGCTGCAGTCTGTGTGCGGACACGCCCGCAGCCTGGACCCGGGATCCCCATCCC CCTAGGATCTCTGAGCCTCGGGCCTCTGCACCCACATCCAAGCCTCTCGCTCCGCGCCAT GGGCGGGCCCCGGGCTCTGCTGGCCGCACTCTGGGCGTGGAAGCCGCCGGGACCGCCGC GCTTCGCATCGGAGCCTTCAACATTCAGAGCTTCGGTGACAGCAAAGTGTCCGACCCCGC TTGCGGCAGCATCATCGCGAAGATCCTGGCTGGCTATGACCTCGCGCTGGTGCAGGAGGT GCGAGACCCAGACCTCAGCGCCGTGTCCGCGCTCATGGAGCAGATCAACAGCGTGTCCGA GCACGAGTACAGCTTTGTGAGCAGCCAGCCCCTGGGCCGGGACCAGTACAAGGAGATGTA CCTGTTCTGTACAGGATAGACGCGGTGTGCGTGTGGACACCTACCTGTACCCAGACCC CGAGGACGTCTTCAGCCGCGAGCCCTTCGTGGTCAAGTTCTCGGCCCCCGGCACCGGTGA GCGGGCCCCGCCCTCCCTCCCGCCGAGCTCTGACGCCCCACCCTTCCCGCAGCAGC ACAGAACCTGGTGTGATCCCGCTGCACGCGGCCCGCATCAAGCCGTGGCGGAGATCGA CGCGCTTACGACGTGTACCTGGACGTGATCGACAAGTGGGGCACCGACGACATGCTGTT CCTGGGCGACTTCAACGCCGACTGCAGCTATGTGCGGGCGCANGACTGGGCCGCCATCCG TNCTGAGAGCAGTGAGGTCTTCAAGTGGCTCATCCCTGACAGCGCCGACACCACGGTGGG CAACTCAGACTGCGCCTACGACCCGATGGTAGGCTGGG |
| Restriction Sites: | Please inquire |
| ACCN: | NM_001374 |
| Insert Size: | 1340 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_001374.2 , NP_001365.1 |
| RefSeq Size: | 1365 bp |
| RefSeq ORF: | 900 bp |
| Locus ID: | 1775 |
| UniProt ID: | Q92874 |
| Cytogenetics: | 16p13.3 |
| Protein Families: | Secreted Protein |

Gene Summary:

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]

Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.