

## Product datasheet for **MC210419**

### Dnase1l2 (NM\_025718) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dnase1l2 (NM\_025718) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dnase1l2  
**Synonyms:** 4733401H14Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210419 representing NM\_025718  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGGTTGGCCCTGGGCCCGCTGACAGCAGTTTGGGCACTGGGGTTCATGGGAGCCACAGCGCTGCGGA  
TTGGAGCCTTCAATGTTTCAAGCTTTGGAGACAACAAAGTGTGATCCAGACTGTGGCAGTGTGATAGC  
ACAGATCTGGCCGGCTATGATATCGCCCTGGTCAAGAGGTACGAGACCCAGACCTAAGTGCAGTGTCC  
TTGCTCATGGAGCAAATTAACAGAGTGTCCAAGCACGAGTACGGCTTTGTGAGCAGCAAGCCACTCGGAC  
GTGACCAGTACAAGGAAATGTACCTGTTTGTACAGGAAAGATGTAGCGTCAGTGGTGAGCACGTACCA  
GTATCCAGACCCAGAGGACGCTTTCAGCCGGGAGCCTTTTGTGGTCAAATTCAGTTTCTAGCTGTGCC  
ACCAAGGAGCTGGTGTGATCCCCCTCCATGCAGCACCACACCAGGCGGTGGCAGAGATCGACGCGCTCT  
ACGATGTGTACCTTGATGTCATTGACAAGTGAACACTGATGACATGCTGTTTCTGGGTGACTTTAATGC  
CGATTGCAAGTACGTGAAGGCGCATGACTGGCCATCGATCCGCTTGAAGCAGTGAAGTGTAAATGG  
CTCATCCAGACAGTGGGACACCACAGTGGGCAACTCAGACTGTGCCTATGACCGGATTGTAGTGAGTG  
GCGCCATCTGCGCAGGAGCCTGAAGCCCACTCAGCCTCAGTTCACAACCTTTCAGGAGGAAATTTGACCT  
AGATCAGACCCAGGCTCTTGCCATCAGTGACCATTTTCTGTGGAAGTACTTTCAAGACTCACT**GA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_025718  
**Insert Size:** 837 bp



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|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_025718.3</a> , <a href="#">NP_079994.2</a>   |
| <b>RefSeq Size:</b>           | 1236 bp   |
| <b>RefSeq ORF:</b>            | 837 bp  |
| <b>Locus ID:</b>              | 66705   |
| <b>UniProt ID:</b>            | <a href="#">Q9D1G0</a>  |
| <b>Cytogenetics:</b>          | 17 A3.3   |
| <b>Gene Summary:</b>          | 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 (By similarity).[UniProtKB/Swiss-Prot Function]  |