

Product datasheet for RN208544

Dnase1I3 (NM_053907) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Dnase1I3 (NM_053907) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Dnase1I3
 Synonyms: MGC108624
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN208544 representing NM_053907
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCCTGTACCCAGCTTCCCCATACCTGGCCTCCCTGCTACTTTCATCCTTGCCCTTCATGGTGCCC
 TGTCCTGAGGCTCTGCTCCTTCAATGTGAGGTCCTTTGGAGAGCAAGAAGGAAAACCACAATGCCAT
 GGATATCATTGTGAAGATCATCAAACGCTGCGACCTCATACTGCTGATGAAAATCAAGGACAGCAACAAC
 AACATCTGTCCCATGCTGATGGAGAAGCTGAATGGAACTCACGAAGAAGCACGACATACAACACTAGTGTA
 TTAGCTCTCGGCTTGAAGAAACACATATAAAGAACAGTATGCCTTCTCTACAAGGAGAAGCTGGTGTC
 TGTGAAGGCAAAATACCTCTACCATGACTATCAGGATGGAGACACAGACGTGTTTTCCAGGGAGCCCTTT
 GTGGTTTGGTTCCAGGCGCCCTTCACTGCTGCCAAGGACTTCGTGATTGTCCCCTTGACACAACCTCTG
 AAACCTCCGTTAAAGAGATAGATGAGCTGGCTGACGTCTACCGGATGTGAGAAGACGATGGAAGGCAGA
 GAATTTTCATCTTCATGGGTGATTTCAATGCTGGCTGACGTACGTCCCAAGAAGCCTGGAAGAATC
 CGTTTGGAGACAGACCCCAACTTTGTTGGCTGATTGGGACCAAGAGGACACCACGGTCAAGAAGAGCA
 CCAGCTGTGCCTATGACAGGATTGTCTTCGCGGACAAGAGATAGTCAACTCTGTGGTTCCCGCTCCAG
 TGGCGTCTTTGACTTTCAGAAAGCTTATGAGTTGTCTGAAGAGGAGGCCCTGGATGTGAGTACCACTTT
 CCAAGTTGAGTTTAAAGCTACAGAGTTCAAGAGCCTTCACCAACAGCCGAAAATCTGTTTCTCTAAAGAAAA
 AGAAAAAAGGCAGTCGCTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053907
 Insert Size: 933 bp



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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_053907.1 , NP_446359.1
RefSeq Size:	1417 bp
RefSeq ORF:	933 bp
Locus ID:	116687
UniProt ID:	O89107
Cytogenetics:	15p14
Gene Summary:	Ca ²⁺ /Mg ²⁺ dependent endonuclease that catalyzes cleavage of both single and double stranded DNA; may play a role in apoptotic DNA fragmentation [RGD, Feb 2006]