

Product datasheet for RN212775

Nsdhl (NM_001009399) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Nsdhl (NM_001009399) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Nsdhl
 Synonyms: MGC105618
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN212775 representing NM_001009399
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAACAGGCTGTTTCGTAGTGAATCAAAGAAAGGCCAGGTCACAGGGACAGATTTGATAAATGAAGTTT
 CCAAAGCTAAGAAGTGCACAGTATTGGAGGCTCTGGGTTCTGGGGCAGCACATGGTAGAGCAGTTGCT
 ATCGCGAGGCTATGCTGTCAATGTATTTGATGTCCGCCAAGGCTTTGATAACCCTCGGGTGCAGTTCTTC
 ATAGGTGACCTGTGCAACCAACAGGACCTGTACCCAGCTCTCAAAGGTGTAAAGCAGATTTTCCACTGTG
 CGTCACCCCGTCAAACAGTAACAACAAGGAGCTCTTTATAGAGTGAATTCCTACTGGCACCACAAAGACTGT
 CATTGAAACCTGCAAAGAGGCTGGAGTTTCAGAACTCATTTTAAACCAGCTCTGCCAGTGTGTCTTTGAG
 GGTGTCGATATAAAAAATGGAACGAAGACCTCCCTTATGCCATGAAGCCATTGACTACTATACAGAGA
 CCAAGATCTTGCAGGAAAGAGCAGTACTGGATGCCAACGACCCTAAGAAGAATTTTTAACTGCAGCCAT
 TCGTCTCATGGCATATTTGGCCCAAGAGATCCCAGTTGGTCCCAGTCTAATTGATGCAGCTAGAAAA
 GGCAAAATGAAGTTCATGATTGAAATGGGAAGAACCTGGTGGACTTACCTTCGTGGAGAATGTAGTTC
 ATGGACACATCTTAGCAGCTGAGCACCTCTCGAGATGCAGGCTGGGTGGGAAGCATTTCACATC
 CAACGATGAGCCAATCCCTTTCTGGACGTTCTGTCCCGCATTCTGACAGGCCTCAATTATGAGGCCCCC
 AAGTACCACATCCCCTACAGGTTGGCCTACTATCTTGCTTTCTGCTATCTACTGGTAATGGTGTCTCA
 GCCCTCTCATCCAAATCCAGACAACCTTTACACCATTTCCGGTGGCACTGGCTGGAACATTCCTACTTA
 CAGTTGTGAGAAAGCCAAAAAGCTCATTGGGTACCGGCCACTGGTCACCATGGATGATGCTGTGGAAGG
 ACTGTGCAGATTTCCACCACCTGCGGAAGGACAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001009399



[View online »](#)

Insert Size:	1089 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:	<u>NM_001009399.1, NP_001009399.1</u>
RefSeq Size:	1750 bp
RefSeq ORF:	1089 bp
Locus ID:	309262
UniProt ID:	<u>Q5PPL3</u>
Cytogenetics:	Xq37
Gene Summary:	Involved in the sequential removal of two C-4 methyl groups in post-squalene cholesterol biosynthesis.[UniProtKB/Swiss-Prot Function]