

## Product datasheet for **RN203503**

### **Nceh1 (NM\_001127524) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nceh1 (NM\_001127524) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nceh1  
**Synonyms:** Aadacl1; RGD1311104  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN203503 representing NM\_001127524  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGGTCGTCATGCGTCCTACTGGCCGCGCTGCTGGCGCTAGTCGCCTACTACGTGTACATCCCCTGC  
CCAGCGCTGTGTCGACCCCTGGAACTGATGCTGCTGGATGCCACTTCCGCGGCGCCAGCAAGTGAG  
TAACCTGATACATTCCCTGGGACTGAGCCACCATCTGATCACACTGAATTCATCATCATCTCTTTTGGC  
AAGAAAAGCGCAAGGTCTTCTCCAAGAGTGAAGGTGACGGACACTGACTTCGATGGCGTGGAGGTCCGAG  
TATTCGAAGGCCCTCCAAAACCAGATGAGCCGCTGCGCCGCAAGTGTGGTCTATATCCACGGAGGAGGCTG  
GGCCTTGCCAGTGCAAAAATCAGCTACTATGACCAGCTGTGCACAGCAATGGCCGAGGAGCTGAACGCC  
GTCATCGTTTCTATTGAATACAGGCTAGTTCCACAGGTTATTTTCTGAGCAAATTCATGATGTCATCC  
GGGCCACCAAATACTTCTACAGCCAGAAGTCTTAGACAAGTACAAGGTGGACCCCTGGAAGAGTCGGCGT  
TTCTGGAGACAGTGCCGGTGGGAATTTGGCTGCAGCCCTGGACAGCAGTTTACCTACGTTGAAAGCCTG  
AGAATAAGCTCAAACACTACAGGCTTTGATCTACCCGGTCTGCAGGCTTTGGACTTCAACACACCCCTCTT  
ATCAGCAGAGCATGAATACTCCCATCCGCTCGCCAGTCAATGGTGGAGTACTGGGACTGACTACTTCAA  
GGCAACTATGACTTTGTAGAGGCAATGATTGTGAACAATCACACTTCACTTGATGTAGAAAGGGCTGCA  
GCCCTCAGGGCCCGTCTGGACTGGACATCCCTGTTGCCCTCATCCATCAAAAAGAACTACAAGCCTGTCT  
TACAGACCATAGGGGACGCCAGAATCGTCAAGGAGATCCCCAGCTGCTGGACGCCGCTGCTTCCCCGCT  
CATCGCAGAGCAGGAAGTGCTTCAGGCCCTCCCGAAGACCTACATCCTCACGTGCGAGCATGATGTCCTG  
CGTGACGACGGGATCATGTACGCCAAGCGCCTGGAGAGTGCGGGTGTGAACGTGACCTTGGACCACTTTG  
AGGACGGCTTCCATGGCTGTATGATTTTACAAGCTGGCCGACCAACTTCTGTAGGAATCCGGACTAG  
GGATAGTTACTTCAAATGGCTGGATCAAACCTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001127524
<b>Insert Size:</b>	1227 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
<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>	<u><a href="#">NM_001127524.2</a></u> , <u><a href="#">NP_001120996.1</a></u>
<b>RefSeq Size:</b>	2099 bp
<b>RefSeq ORF:</b>	1227 bp
<b>Locus ID:</b>	294930
<b>UniProt ID:</b>	<u><a href="#">B2GV54</a></u>
<b>Cytogenetics:</b>	2q24
<b>Gene Summary:</b>	Hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor. May be responsible for cholesterol ester hydrolysis in macrophages. Also involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds (By similarity).[UniProtKB/Swiss-Prot Function]