

## Product datasheet for MC214439

### Nceh1 (NM\_178772) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nceh1 (NM_178772) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nceh1
Synonyms:	Aadacl1; B230106I24Rik; CPO-BP; Nceh
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214439 representing NM_178772 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGGTCGTCATGCGTCCTACTGGCCGCTCTGCTGGCTCTGGCTGCCTACTACGTGTACATCCCCTGC  
CCAGCGCGGTGTCCGACCCCTGGAACTGATGCTGCTGGACGCCACTTCCGCGGCGCGCAGCAAGTGAG  
TAACCTGATACATTCCCTGGGACTGAACCACCTCTGATCGCGCTGAATTCATCATCACCTCTTTTGGC  
AAGCAAAGCGCAAGGTCTTCTCCGAAAGTGAAGGTGACAGACCCGACTTCGATGGGGTAGAAGTCCGAG  
TATTTGAAGGTTCTCCGAAACCAGAAGAGCCGCTGCGACGCGCGTCATCTATATCCACGGAGGAGGCTG  
GGCCCTGGCTAGTGCAAAGATCAGCTACTATGACCAGCTGTGCACAACAATGGCTGAGGAGCTGAACGCC  
GTCATCGTTTCTATTGAATACAGGCTAGTCCCACAGGTCTATTTTCCGGAGCAAATCCATGATGTCATCC  
GTGCCACTAAATATTTCCCTGCAGCCAGAAGTCTTAGACAAGTACAAGGTCGACCCCTGGAAGAGTCGGTAT  
TTCTGGAGACAGTGTGGTGGGAATCTGGCCGCGGCCCTGGGACAACAGTTTACCTACGTTGCCAGCCTG  
AAGAATAAGCTCAAACCTGCAGGCTTTGGTCTACCCAGTCTGCAGGCTTTGGACTTCAACACACCCTCTT  
ACCAGCAAAGCATGAACACTCCGATCCTGCCGCGTCATGTCATGGTTAGGTAAGTACTGTTAGACTACTTCAA  
GGGCAACTACGACTTTGTAGAGGCCATGATTGTGAACAATCACACTTCACTTGATGTAGAAAGGGCTGCA  
GCCCTCAGGGCCCGTCTCGACTGGACATCCCTGTTGCCCTCGTCCATCAAAAAGAACTACAAGCCTATCA  
TGCAGACCACAGGGAACGCCAGGATCGTCCAGGAGATCCCTCAACTGCTGGACGCTGCTGCTTCTCCGCT  
CATCGCAGAGCAGGAAGTCTAGAGGCCCTCCCGAAGACCTACATCCTTACCTGCGAGCAGCAGCTCCTG  
CGGGACGATGGGATCATGTACGCCAAGCGCTTGGAGAGTGCGGGTGTGAACGTGACCTTGGACCACTTTG  
AGGACGGCTTCCATGGTTGATGATTTTTACAAGCTGGCCGACCAACTTCTCCGTGGGAATCCGGACTAG  
GAATAGTTACATCAAATGGCTGGATCAAACCT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Chromatograms:</b>	<a href="https://cdn.origene.com/chromatograms/ja2666_g02.zip">https://cdn.origene.com/chromatograms/ja2666_g02.zip</a>
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_178772
<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>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></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>	<a href="#">BC082569</a> , <a href="#">AAH82569</a>
<b>RefSeq Size:</b>	4394 bp
<b>RefSeq ORF:</b>	1227 bp
<b>Locus ID:</b>	320024
<b>UniProt ID:</b>	<a href="#">Q8BLF1</a>
<b>Cytogenetics:</b>	3 A3
<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.[UniProtKB/Swiss-Prot Function]