

## Product datasheet for **SC122439**

### NHEDC1 (SLC9B1) (BC022079) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NHEDC1 (SLC9B1) (BC022079) Human Untagged Clone
Tag:	Tag Free
Symbol:	NHEDC1
Synonyms:	NHA1; NHEDC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for BC022079 edited  
AGCGTCTGGGCTCCTGGGCCGCTCCCGGCCAGCGAGGGCTGCGAAAGAAGTTGTAGCAT  
GCATACCACAGAATCAAAAAATGAACATTTGGAGGATGAAAACCTCCAACATCTACAAC  
TCCTCAGAGTCTCATTGATCCTAATAACTGCACATGAAGAACTAAAAGTGTCTTATC  
AGATACAGAAGAAATAAAACCACAGACAAAAAGGAGACATACATTTCTGTCTCTAAG  
AGGAGTATTGAATGTAATTATTACAAATGTTTTGTCTAGGTGCTGTCTCTCCTGCTGTT  
GTTGTCCCTTACATGATGGTGCTGCAAGAAAAATGGATATGGTGTGAGGAAGGCATTCCA  
ACCTTATTAATGGCTGCTAGCAGTATGGATGACATTCTGGCTATCACTGGATTCAATACA  
TGCTTGAGCATAGTCTTTTCTCAGGTGTGGCCTCCGCTTTTCAACCAGGCTGGAGTGTG  
GTGTCACGATCTCAGCTCACTGCAAACTCTGCCTCCCGGGTTCAAGTATTCTCCTCCCT  
CAGCCTCCCGAGTACCTGGGACCACAGGTGGTATACTTAATAACGCCATAGCCTCTATAA  
GGAACGTATGTATTAGTCTGCTGGCAGGAATTGTTTTGGGATTTTTGTTTCGATATTTTC  
CAAGTGAAGACCAGAAAAAATTACATTGAAGAGAGGATTCCCTGTTTTGACTATGTGTG  
TTTCTGCCGCTCTTAGGCAGCCAACGTATTGGTTTACATGGATCTGGAGGATTATGCACAC  
TAGTGTGAGTTTCATTGACAGGGACAAAATGGTCCCAAGAAAAGATGAAAGTCCAAAAGA  
TTATTACGACTGTATGGGATATTTTTCAACCACTTCTTTTTGGTTAGTTGGAGCAGAAG  
TATCTGTTTCATCGCTTGAATCAATATTTGTTGGCATACTGTTGCCACTCTAAGTTTGG  
CATTATGTGTTTCGAATTTTAACCAATATCTATTGATGTGCTTTGCTGGTTTTAGTTTTA  
AGGAGAAAAATTTTATTGCTTTAGCATGGATGCCCAAAGCTACAGTACAGAGATGAGATC  
TCACCAGTTGCCCAAGCTGGTATGGTACTCCTGAGATCAAGTACTCCACCCACCTCAGC  
CTCCCAAAGTGCTGAGATTACAGGAATGGACGAACTGCAAGGTAGCCAAGAGTGCAGAT  
ACACCAAGGAAAGGCAATAACCGAAGCCATTCTGAAACTAAACATGTAGATGTGTCAGAA  
TCTGCAGTGTCTTGGAAAAGAATTCAAATAGCATGTCGTTTCATCCTTGAGCTTATTC  
TTTGTACTTTTTACATTAATTCCTTTTTAATGGATCCATAAACTGTGAATAAATAACA  
CAATAAAGCCAGCTCTACCAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC022079 unedited GTCAGAATTTGTAACGACTCCTATAGGCGGCCGATAACTTCGTATAGCATACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGTCTGGGCTCCGGGCCGCTCCCGGCCAGCGAGGGCTGCGAAAGAAGTTGTAGCATGCATACCACAGAATCAAAAAATGAACATTTGGAGGATGAAAACCTCCAACATCTACAACCTCCTCAGAGTCTCATGATCCTAATAACTGCACATGAAGAACTAAAACCTGCTTATCAGATACAGAAGAAATAAAACCACAGACAAAAAAGGAGACATACATTTCTTGTCTCTAAGAGGAGTATTGAATGTAATTATTACAAATGTTTTGTTCTAGGTGCTGTCTCTCCTGCTGTTGTTGTCCCTTACATGATGGTGTGCAAGAAAATGGATATGGTGTGAGGAAGGCATTCCAACCTTATTAATGGCTGCTAGCAGTATGGATGACATTCTGGCTATCACTGGATTCAATACATGCTTGAGCATAGTCTTTTCTCAGGTGTGGCTCCGCTTTTCAACCAGGCTGGAGTGTGGTGTACAGTCTCAGCTCACTGCANACTCTGCCTCCCGGTTCAAGTGATTCTCTCCCTCAGCCTCCCGAGTACCTGGGACCACAGGTGGTATACTTAATAACGCCATAGCCTCTATAAGGAACGTATGTATTAGTCTGCTGGCAGGAATTGTTTTGGGATTTTTGTTTCGATATTTTCCAAGTGAAGACCAGAAAAACTTACATTGAAGAGAGGATTCTGTTTTGACTATGTGTGTTTCTGCCGCTTAAAGCAGCCAACGTATGGTTTTACCTGGATCTGGAAGAATTATGCACACTAAGTGTGAGTTTATTGGCAGGGACAAAATGGTCCCAAGAAAAG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC022079
<b>Insert Size:</b>	1415 bp
<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="#">BC022079.1</a>
<b>RefSeq Size:</b>	1415 bp
<b>Locus ID:</b>	150159
<b>Cytogenetics:</b>	4q24
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	The protein encoded by this gene is a sodium/hydrogen exchanger and transmembrane protein. Highly conserved orthologs of this gene have been found in other mammalian species. The expression of this gene may be limited to testis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]