

Product datasheet for **MC229643**

Nhs (NM_001290526) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nhs (NM_001290526) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nhs
Synonyms: Gm48; Gm389; Nhs1; Xcat
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229643 representing NM_001290526
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGCCTTCGCCAAGCGGATCGTGGAGCCGAGTGGCTTTGCCGGCAGCGGCCCGGCCCGCCAG
 ATGAGGACACGAGTGGAGGCAGCGTTGAGCCGCCCGCCCTGCAGCCGCTGGCCGGGGGAAGAGGC
 CGAGGCACCGGAGCCAGAAGAGCCTCCTCGTGTGCCCTCGCCTCTCCACTGCCACCTCTGCCGCCG
 TCTTTGCCGGCGCCGGCCGAGCAGGATCAGCAGCCACCCAGCGAAGCGCGGGAGGCCGGGAGGAGAGCG
 TGGCGGGGTCTCGGAGGCAGCATCGGCCCCAGGCGAGACGTCGAGGCTTCAGCCGAGGCTGTGCTGT
 CATGTTAGACCTGTGCGCGGTACGAACGCTGCGCTGGCCAGGGTCTCCGGCAGCTCTCAGACGTAGCC
 CGGCACGCGTGCAGCCTCTCCAGGAGCTCGAGAGCGACATCCAGCTTACTACCGCCGTGTCTGGGCGC
 TGCAGGGCAAGCTCGGTAGCGTGCAGCGCTCCTCAGCACGTTGGACCCCAAGCAGGAGGCAGTGCCTGT
 CTCCAATTGGACATCGAGAGCAAGTTGAGTGTATACTACCGTGCACCATGGCACCACAGCGAAACATC
 TTCTCCAGCGACCAGGCCACCCTGTGTAGAAGAGCTGCACCGCCATGCCAGACAGAGTCTGAAGCC
 TTCGTAGAGAACACCGGAGCCGAGTGCAGAGAGCAAAGAGCTGCTGCTCCCTCCCATAGCTGC
 TCCACCACTACCAGCCTACCCTCCAGCTCACAGCCAGAGGAGGCGGAGGCAAGGACCGCCACTTCTTA
 ACGTTTAAACAGCACCCGTTCCGCTCCCCACTGAATGTTGCCACATGGCCCATGGAGTAGAAAGTCCC
 ACTCTCCAGAGGATGAAGACACAGATGCCATGCTAGGGCAGAGGCCGAAAAACCAATCCACAATGTTCC
 CTCTACACTGGATAAGCAGACCAACTGGAACAAAGCACTACCTCTCCCACTCCTGAGGAGAAGTGAAA
 CAAGATGCCAAGTGATTTCTTGTGCATATCCCATCAATGTCACCGGTGTTGGTTTTGACAGAGAAG
 CAAGTATACGCTGTTCTTGTTCATTACAATCTGTGCTACAGAGGAGACGAAAAGTGGAGAGAAGGAA
 AACAACTCTGGGATTCAGAGAGTTCACAAGAAATAGATTCTGATGAATCACCAGTGGCCAGGGAA
 AGGAATGTGATTGTGCACACAAACCCAGACCCCTCCAACACTGTCAATAGGAGTCCGGAACAGGGACT
 CTGAATGTCAAAGTGAAGATATTCTGATTGCTGCCCATCCAGAAGGAGAATTAGAGCTCAAAGGGTCA
 AAGCATCGCAGCTTCCCTTTCTCATTAGCTGGCAACATCTCTGCCCTGGCAGACAAAGGCGATACCATG
 TTTACTCTGTGTCGAGCAGCCGTACAAGATCTCGGAGCCTTCTCGGAGGGAAATAGAGGTGGAGATG



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CTGAACCCAAAGTAGGTGCTAAACCCTCAGCATTTGAAGAAGGAGAACGTTTCGTGGGTGACCATGAAAG
AACCCCTAATGACTGTAGCGAAGCTCCAAGCAGCCAAAGTACACAGGAACACCAGCCTGCTTTGGGCCTA
GCATGTTCTCAACATCTTACAGCCCTCAGCAAAAGTTAAGTGAGAGAGGGAGATCACGTCTGTCCCGAA
TGGCGGCTGACTCTGGAAGCTGTGACATCTTCCAACCTCGGACACCTTTGGAAGCCCGTCCATTGCAT
TTCCACAGCTAGTGTCTCCTTAGCAGCCACATGGACCAGAAAAGAAGACCACCAGTATCCAGTGGTAAC
TGGAGTGGGAGCAGCTCTACATGCCCGTACAGACCTCAGAGACAATCCCTCTGCAGTCTTCTCTCCC
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ACCACCATCATGATGCATCTTGCCGCCAAGATTTAGTCTGAGCGTCCGAAGGCAGATAGCTTGGGATG
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CAGATCCTTATCTAATTTAGCACTGCTACGGGTACCACAGTATTGAATGCATCAAATCTCCAGAGAGT
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CCTAAAGTCCCAGAAAAGAAATCCTCACTACAGCAGCCATCTTAAAAGATGGTGCCTATCACTGAGTA
AAGATTTTGAACCTACCAATTATACCTCCTTCTCATCTTGACCTAAGTGTCTTTCATGTTTTGAATAAACC
ATTCCACCACCGTCACCCACTGCATGTTTTTACTATAAGCAAAACACAGTCGGAGATATGCCGAGATCA
AATCCTGCACCGTCTCTTGAATTACACCAACAGTTCTCAAGTCTGTCAACCTGAGGTCCATCAGTAAGT
CTGAAGAAGTTAGGCAAAAGGAGGCAATAATACAGATCTCCCTACTTAGAAGAGAATGCTGCCACAGC
GGCTTCTGTGGCCTCTTATCTCAAGTAAGGCAAGGCCACACACAGCAAAAGAAATCAATATCACGCCAG
TATTCTGTGAAGATACCCTCCTGCCCTTTTATGATTCCTCTGTAGCTGAGATGGGACCAGAGAAGCATT
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GGAAGAAGGTGGAAAACAGAAATCTGTGGATGGAATCACACTTCAAGCCAATTCACTAAGTAAACA
GACATAAGCAGTCAATAAAGCATCAGCGTGTATAAGCCGCCACCATGACAAAGTGCCTGTGACTATCC
GCCATGAGTCAAGATGCAACTGTAATTCATTCCTGAAAAATGTTCTGAACAGGAAAATATTGCTTC
AGGTATTTACCCCAAAGTGCCTCTGATAACAGCAGAGCAGAGGAGACCCAAGGAAGTATGGACGAGACT
TCATTGAAAGAATCCTCACCAGTGATGACTCCATCACTTCAACACTCAGTGGAGACTCTAAGCTGGAG
CTGAGGGTGTGTTTGTCTCCTCAACAAACCTCGAACCACTGAGGACCTATTTGAGTCAATTCACAGATC
CAAGAGAAAAGTACTTGAAGAAAAGATTCTGGGGATATGCTGTGAGAAGCAAAATCAAGAGTTCCTT
GGTAGCAGTAGCAGCAGTGCCAATTCTGTCACTTCAACAGCAGCAATGTGACAGCTGGGACTAGCCAGA
GGTCTCCTGGTCTCATCTACAGAAATGCCAAAAGTCCAACACATCCAATGAAGAGTTTAAAGCTGCTGCT
CCTCAAGAAAAGCAGTCGTTAGATTCTAGTTACCGCATGTCTGCTACTGAAATCCTGAAGAGCCCGGTC
CTGCCAAAGCCTCCTGGGAGTTTACTGCAGAGTCCCCACAAAGCCCGATGATACCCATCAGGGCACAC
CTGGGACTGAAGCACTGTCTCCTGTGCGCGTGTCTACCACAGTCAATGCGGAAGGGTCTCCTCGAA
GAACCTTGAACCTCAGCATCAGCACGGTTGGAGCTCCCGGTCCACCTGTGGCCAGCAGCAGCCGC
TACAGTGTCCGCTGCCGCTGTACAATACTCCAATGCAGGCCATCTCTGAGGGAGAGACTGAAAACCTCTG
ATGGGAGCCACATGATGACCGATCTCCAGAGCTCCACCTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001290526
Insert Size:	4944 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290526.1</u> , <u>NP_001277455.1</u>
RefSeq Size:	5382 bp
RefSeq ORF:	4944 bp
Locus ID:	195727
Cytogenetics:	X 74.17 cM