

Product datasheet for **MC224770**

Nhs (NM_001081052) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nhs (NM_001081052) 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: >MC224770 representing NM_001081052
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGCCTTCGCCAAGCGGATCGTGGAGCCGAGTGGCTTTGCCGGCAGCGGCCCGCGCCCGGCCAG
 ATGAGGACACGAGTGGAGGCAGCGTTGAGCCGCCCGCCCTGCAGCCGCTGGCCGGGGGAAGAGGC
 CGAGGCACCGGAGCCAGAAGAGCCTCCTCGTGTGCCCTGCGCCTCTCCACTGCCACCTCTGCCGCCG
 TCTTTGCCGGCGCCGGCCGAGCAGGATCAGCAGCCACCCAGCGAAGCGCGGGAGGCCGGGAGGAGAGCG
 TGGCGGGGTCTCGGAGGCAGCATCGGCCCCAGGCGAGACGTCGAGGCTTCAGCCGAGGCTGTGTCTGT
 CATGTTAGACCTGTGCGCGGTACGAACGCTGCGCTGGCCAGGGTCTCCGGCAGCTCTCAGACGTAGCC
 CGGCACGCGTGCAGCCTCTCCAGGAGCTCGAGAGCGACATCCAGCTTACTACCCGCCGTGTCTGGGCGC
 TGCAGGGAAGCTCGGTAGCGTGCAGCGCTCCTCAGCACGTTGGACCCCAAGCAGGAGGCAGTGCCTGT
 CTCCAATTGGACATCGAGAGCAAGTTGAGTGTATACTACCGTGCACCATGGCACCAACAGCGAAACATC
 TTCCTCCAGCGACCAGGCCACCCTGTGTAGAAGAGCTGCACCGCCATGCCAGACAGAGCTGCAAGCCC
 TTCGTAGAGAACACCGGAGCCGGAGTGCAGAGAGCAAAGAGCTGCTGCTCCCTCCCACTAGCTGC
 TCCACCACTACCAGCCTACCCTCCAGCTCACAGCCAGAGGAGGCGGAGGCAAGGACCGCCACTTCCTA
 ACGTCCCACTCTCCAGAGGATGAAGACACAGATGCCATGCTAGGGCAGAGGCCGAAAAACCAATCCACA
 ATGTTCCCTCTACACTGGATAAGCAGACCAACTGGAACAAAGCACTACCTCTCCCAACTCCTGAGGAGAA
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 GAAGGAAAACAATCTCTGGGATCCCAGAAGAGTTCAACAAGAAATAGATTCTGTGAATCACCAGTGGC
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 AGGGACTCTGAATGTCAAAGTGAAGATATTCTGATTGCTGCCCATCCAGAAGGAGAATTAGAGCTCAA
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 TACCATGTTTACTCCTGTCTGTGAGCAGCCGTACAAGATCTCGGAGCCTTCTCGGAGGGAAATAGAGGT
 GGAGATGCTGAACCAAGTAGGTGCTAAACCTCAGCATTTGAAGAAGGAGAACGTTTCGTGGGTGACC



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ATGAAAGAACCCCTAATGACTGTAGCGAAGCTCCAAGCAGCCCAAGTACACAGGAACACCAGCCTGCTTT
 GGGCTAGCATGTTCTCAACATCTTACAGCCCTCAGCAAAAGTTAAGTGAGAGAGGGAGATCACGTCTG
 TCCCGAATGGCGGCTGACTCTGGAAGCTGTGACATCTTCCAACCTCGGACACCTTTGGAAGCCCGTCC
 ATTGCATTTCCACAGCTAGTGTCTCTTAGCAGCCACATGGACCAGAAAAGAAGACCACCAGTCATCCAG
 TGGTAACTGGAGTGGGAGCAGCTCTACATGCCCGTACAGACCTCAGAGACAATCCCTCCTGCAGCTTCT
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 CTGAGTAAAGATTTTGAACACCAATTATACCTCCTTCTCATCTTGACCTAAGTGTCTTCATGTTTTGA
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 GAGATCAAATCCTGCACCGTCTCTTGAATTACACCAACAGTTCTCAAGTCTGTCAACCTGAGGTCCATC
 AGTAAGTCTGAAGAAGTTAGGCAAAAGGAGGCAATAATACAGATCTCCCTACTTAGAAGAGAATGCTG
 CCACAGCGGCTTCTGTGGCTCCTTATCTCCAAGTAAGGCAAGGCCACACACAGCAAAAGAAATCAATATC
 ACGCCAGTATTCTGTGAAGATACCCTCCTGCCCTTTTAGATTCCTGTAGCTGAGATGGGACCAGAG
 AAGCATTTGAAAAGAACCCTAATTTTGTGAAAAGAGTCAAGTGGTATCCAGAACTGCAACCTCAGCTA
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 CATACTAAGTAAGAAGTGTGGATTTTCAACAGGATTTCAAGGGTGTCTGCTTCCCGCCCAAGTATTTG
 GGTAGTAAAATGATACAGTATGGAGCTAGTCCAGATGGCACTGTACAGCAAGGACAGAAGGCACCCTCTG
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 TTGCTTCAAGTATTTACCCCAAAGTGCCTCTGATAACAGCAGAGCAGAGGAGACCCAAGGAAGTATGGA
 CGAGACTTCATTGAAAAGTCTCACCAGTGTGACTCCATCACTTCACTCAGTGAAGGACTCTCAA
 GCTGGAGCTGAGGGTGTGTTTGTCTCCTCAACAAACCTCGAACCCTGAGGACCTATTTGCAAGTCAATC
 ACAGATCCAAGAGGAAAAGTACTTGAAGAAAAGATTCTGGGGATATGTCTGTGAGAAGCAAAATCAAGAT
 TCCCTTGGTAGCAGTAGCAGCAGTGCCTTCTGTCACTTCAACCAGCAGCAATGTGACAGCTGGGACT
 AGCCAGAGGTCTCCTGCTCATCTACAGAAATGCCAAAAAGTCCAACACATCCAATGAAGAGTTAAGC
 TGCTGCTCCTCAAGAAAGGAGTCTGTTAGATTCTAGTACCAGTGTCTGCTACTGAAATCCTGAAGAG
 CCCGGTCTGCCAAGCCTCCTGGGAGTTTACTGCAGAGTCCCACAAAGCCCCGATGATACCCATCAG
 GGCACACCTGGGACTGAAGCACTGTCTCTGTGCGCGTCTACCACGAGTCAATGCGGAAGGGTCT
 CCTCGAAGAATTTGCAACCTCAGCATCAGCACGGGTTGACGCTCCCGGTCCCACCTGTGCCAGCAG
 CAGCCGCTACAGTGTCCGCTGCCGGTGTACAATACTCCAATGCAGGCCATCTCTGAGGGAGAGACTGAA
 AACTCTGATGGGAGCCACATGATGACCGATCCTCCAGAGCTCCACCTAG

AGCGGACCGACGCTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001081052
Insert Size:	4881 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_001081052.2</u> , <u>NP_001074521.1</u>
RefSeq Size:	5319 bp
RefSeq ORF:	4881 bp
Locus ID:	195727
Cytogenetics:	X 74.17 cM