

Product datasheet for MC224717

Nhs1 (NM_001163592) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nhs1 (NM_001163592) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nhs1
Synonyms:	5730409E15Rik; A630035H13Rik; A730096F01; BC013565; D10Bwg0940e; mKIAA1357
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224717 representing NM_001163592 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGGTCTTCATTAATGCAAAGATTAATCTTTCTTTAACTTTTTAAAAAGAAAACGGTTTCCA
TGGACGAGGAGAGTCGATGGACTGTCCACTACACGGCACCATGGCATCAGCAAGAGAATGTGTTCCCTTC
CGCCACAAGACCCCTGTGTTGAGGACCTGCACCGCCAAGCTCAACCTCAAATCAGTGCTGAGG
GAATGTGACAAGCTGAGGCAAGATGGCTGCCGAAGTTCTCAGTACTATTCTCAGGACCCACCTTTGCAG
CCGGCTCCAGCCCTGCGACGATTATCAAGATGAAGACACAGAAGCAGACCCGAAAGTGCTCTCTCTTC
ATCTGAAGAAGAAAGATTTATCGGAATCAGGAGACCTAAAACGCCAACCTCAGGTGACTTCTCCGACCT
CATACTCAGACAAACTGGACCAAGTCCCTGCCGCTGCCAACACCAGAAGAGAAGACGCGGCAGCAAGCCC
AGACGGTCCAGGCTGACGTGGTTCCTATAAACATAACTGGGGAGAATTCGATCGTCAGGCCAGCCTTCG
GCGGTCTCTAATTTACACAGACTCTGGTAAGACGACCGAAGAAAGTCAAAGGAGAAAAGACAATTTCA
GGAATCCCTGACATCATTGAGAAGGAGCTAGCATCAGCCACTGGCCAAGATGATGATGGTAGTGCCATT
CGTGTACGTCCCAGACCACTACTACGTTAGGAAGGCTTGATAGTTATCGGTCCACCGGGCAATGCTT
GGAAACCAGGGACACCAGCTGTCAGACCGAAGACGTGAAGGTATCCACCATCAATGAGAAGGATCAGG
GCTCACAAGGGGTAGGGTGTGCTGCCAGATGAGCCACCTCTCAGGTTCCCTCAGGCAACATGTCTGTGC
TGAGTGACTCAGCCGGTGTGTGTTCCCATCTCGCCTCAGTAACGATACTGGTTTCCACAGTCTTCCACG
TACCGGCCGAGAGCAAGCACCTATTACTGGAGGGAAGGATGGGTGCCCTGGGCTACTGAAGATACG
GATGACTTCTCCCTACCAGGGGGTAGCTTACAGGGGCATGAAAACCTTTCGCGATTTAGGAGGTGCGT
CGAGTACTGGGATGCTTTCGAGGCCAAATCCCAGCAGTTGAGGTTTTGGAGAGTCCAGCATGTGTGGT
TTCACCTCATGCAGCCTACTCTACCAGTGTATCCAAATGCCACGCTACTGTCTCTTTCAGAGGTTATT
GTCATTACACTGCTCAGAGTGCAGGACAGCTGGACAGTGAACACCCGGTTCATCTTCATTTCAAAAA
TAAAACCCAGAGACCGTCCCACACCCAGATGTTCTGTGAAAGATGACCATCAGTCCCCCGTCATCACTG
GAACGAGGGTCATCTCATTACACGGGCTTTAGCCTCCTGTCCCTGGTGCCACCACGCTGTTATCC
CTCCATGATTCAGAGGTCTCTCTAAATGCCCCAGCAAACAGGGAAAATGGATCCCAAGCCATACTCTATC



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ATTGTAGAAACAACCCAAGCTTTCCTGACCACCCTTCAGATGTGGATGGCAAGAGCGAGTGTAGTTATTC
 GGGGGACAGGGGATGTGGCAGTTCTGAGCCCTGGGAATATAAAACCTCCAGCAATGGGCGGGCATCCCCA
 CTGAAGCCACACCTGGCCACTCTGGTTGCTCTACTCCCACAAGTAACGTGAGCAGCTGCAGTTTGGACC
 AAACATCTCTCAAGGGTGATACCAGGTCCTGTGTTTCCAGAGGACCATGATGGTTACTATACTACCACTCA
 CGAGGCTGGGAACCTGTACACTCTCAGTGATGGCTTGGGAACCCAGGCACAGCATGGTCAATGTTTTT
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 CTCTGAAGAAAGCAAAGAACCACCCCTGCCACCATCCCGGACCGATTCTCTGCGAAGGATCCCCAAAA
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 GGTTACTACATTGACTACACGAGCTTGACAGGAAGATCCAGGAACCCACCGGGGGCTGCTCAGCCAACA
 CTGAGGCAGCAACTGAAACGGGCCAGTACGCCACATCCAGGAGGGTGCAGAGTCCCAGTGCCCAAGT
 GCCGGGCTGCTCAGTTAGACCAAAGATCGCTCACCAGAGAAGTACAGAGAGTCACTCTCCATCCAGT
 GGGTATTCTAGCCAGTGAATACACCCACAGCACTCACCCTGTGCTGTGTTTTAAAAACAATGTCAC
 CAGCAAATGGAAGGGGAAGGCCAAGCCAAAGTACCAGAAAGAAAATCGTCTCTGATCTCTTATGTC
 CATCTCATCATCGTCCACTTCTCTCTCTAATACTTCTACCGAAGGAAGTGGGACCATGAAGAACTG
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 CAGACAAGTCCCCTTTCTTCCACCACCTCCTCTCTAGCAGATTGCTCCGAGGGCTCTCTCTGCGGCC
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 ACTCAGGTGCCGGGCAGTCTGTTTTCTGAACCATCAGCTCAGGAACAACGAACCTCCGACTGCTCCACA
 GTACTACTAAAGCCATCTGCTTCTCAAATCCCGAAATAGCATAAATGAAATGGAGAGTGAAAGCCAG
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 TAGAGCGTGGCGGCTTCCGAGCTGCAGCGATGGAGCTCCAGGCCGGTCCCAGCCTCAGGACCACTCT
 GCTCCAGACTTTCACCAGCAGGAAGCCACCCCTCTCTAAGAAGCCAAACTGTTCTGTGGTA
 CCACCTCCGAGAGAGATTTACAGCGGAGCCACAGAGAACGGGAGCGAAGCTTCCAGCGGTGCCCA
 GCCCTACCAGGCAGAGGGGAAGCTGTGCGGAGCCAAGAGGAGAAATCCAGCCAGCATCCGAGCTGG
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 AGCATTGTGGAAGCCAATGTCCCATGGTCCAACCTAATACATCACCGGGCCCCACAGGAAGAGTCAG
 GCGAGAACAGTGTGGATGGTGAGAGAAATGCGAAGAGTGCCTGTCTCAACAGGGCAGAGAAGCTGGCTT
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 GTGCTGACTCCGACTAAACCCAGGACAACAGAAGACCTGTTTGCAGCCATTACAGATCTAAAAGGAAAG
 TCCTTGGCCGAAAGACTCAGAAGCAGTACACTCGAAATCACTCTCCCTCCCCGCTGTGACACCCAC
 GAGTGTGCCCTAACCTGGCTCTCAAAGCAAGTAGGGTCTATCCAGAGAAGCATAAAAAAGACACT
 ACCAGCAGTGACAACCTCAAAGCTCTGCTGCTAAGAAGGGGAGTGCCTCGGACACCAGCTCGCATGT
 CAGCGGCTGAGATGCTCAAGTCTACGGACCCTCGCTTCCAGAGATCTAGTTCGGAGCCTTCGGCAGACAG
 CCCGGACAGCCATCCAGCTGCTCCCCAACAGAAGCAGGAGAGCTCAGGAAGAGTGGGCCAAGAACGAA
 GGCTGATGCCTCGGAGTCTGTCTTTTTCGGGCCCTCGGTACAGCCGAGCAGGACGCCACCCTCTGCGG
 CCAGCAGCAGGTACAGCATGCGGAACCGCATCCAGAGCAGCCCCATGACCGTCATCTCCGAGGGAGAGG
 AGAACCTGCTGAGCCAGCGGACAACAAAGCAGCAGGGCCCTGGATGCTACCAGGGTGTGCTCTCTGGAC
 AGACTGACGGGTGAGGATGGACCAGGCCAGCTCTCTGTAGCGAGGAGCCTGCCTCTGTGGATGGGA
 TAGGAAGGGCTGAGGGCAACGGTCCCTCGGAGCAGTGTGGGGTACGGAACAGAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001163592

Insert Size:	4752 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_001163592.1</u> , <u>NP_001157064.1</u>
RefSeq Size:	6812 bp
RefSeq ORF:	4752 bp
Locus ID:	215819
UniProt ID:	<u>Q8CAF4</u>
Cytogenetics:	10 7.65 cM