

Product datasheet for **MG204513**

Nhs1 (BC013565) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nhs1 (BC013565) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Nhs1
Synonyms:	A730096F01, mKIAA1357
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204513 representing BC013565 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGTCCAACCTAATACATCACCGGGCCCCACACAGGAAGAGTCAGGCGAGAACAGTGTGGATGGTGAGA
 GAAATGCGAAGAGCTGCCTGTCTCAACAGGGCAGAGAAGCTGGCTTGCTGGAACCAACACAGCTGCTTC
 CTCTTCAGACCCCGTGGATGTATCTAAGGAAGAGGGAAGCGATGAGGTGCTGACTCCGACTAAACCCAGG
 ACAACAGAAGACCTGTTTGCAGCCATTCACAGATCTAAAAGGAAAGTCCTTGGCCGAAAGACTCAGAAG
 ACGATCACACTCGAAATCACTCTCCCTCCCCGCCTGTGACACCCACGAGTGTGCCCTAACCTGGCCTC
 TCCAAAGCAAGTAGGGTCTATCCAGAGAAGCATAAAAAGAGCACTACCAGCAGTGACAACCTCAAAGCT
 CTGCTGTAAAGAAGGGGAGTCGCTCGGACACCACTGCTCGCATGTGACGGCTGAGATGCTCAAGTCTA
 CGGACCCTCGCTTCCAGAGATCTAGGTCGGAGCCTTCGGCAGACAGCCCGGACAGCCCATCCAGCTGCTC
 CCCCACAAGAACAGGAGAGCTCAGGAAGAGTGGGCCAAGAACGAAGGCCTGATGCCTCGGAGTCTGTCC
 TTTTCGGGCCCTCGGTACAGCCGCAGCAGGACGCCACCTCTGCGGCCAGCAGCAGGTACAGCATGCGGA
 ACCGCATCCAGAGCAGCCCCATGACCGTCATCTCCGAGGGAGAGGGAGAACCTGCTGAGCCAGCGGACAA
 CAAAGCACGCAGGGCCCTGGATGCTACCAAGGTGTGCTCTCTGGACAGACTGACGGGTGAGGAGATGGAC
 CAGGCCAGCCTCCTCTGTAGCGAGGAGCCTGCCTCTGTGGATGGGATAGGAAGGGCTGAGGGCAACGGTC
 CCTCGGAGCAGTGTGGGGTATGGAACAGAAGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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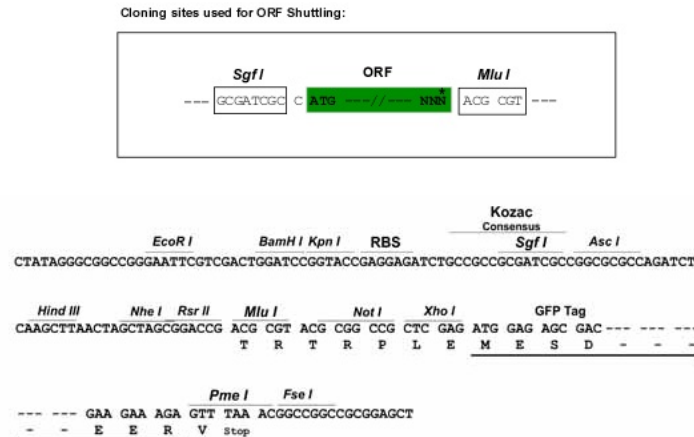
Protein Sequence: >MG204513 representing BC013565
 Red=Cloning site Green=Tags(s)

MVQPNTSPGPTQEESGENSVDGERNASCLSQQGREAGLLEPNTAASSSDPVDVSKEEGSDEVLTPTKPR
 TTEDLFAAIHRSKRKVLGRKDEDDHTRNHSPSPVPTPTSAAPNLASPKQVGSIQRSIKKSTTSSDNFKA
 LLLKKGSRSDTSARMSAAEMLKSTDPRFQSRSEPSADSPDSSCSPKNRRAQEEWAKNEGLMPRSL
 FSGPRYSRRTPPSAASSRYSMRNRIQSSPMTVISEGEGEPAEPADNKARRALDTRVCSLDRLTGQEMD
 QASLLCSEEPASVDGIGRAEENGPSQCQCGMEQKS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC013565

ORF Size: 945 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC013565](#), [AAH13565](#)

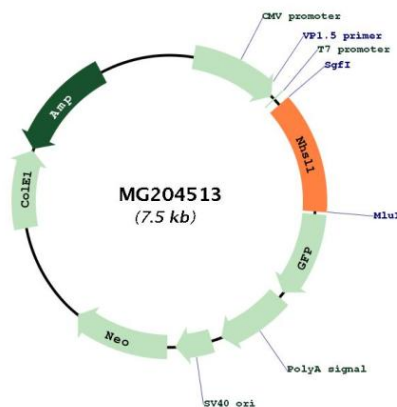
RefSeq Size: 2934 bp

RefSeq ORF: 947 bp

Locus ID: 215819

Cytogenetics: 10 7.65 cM

Product images:



Circular map for MG204513