

Product datasheet for **SC215744**

NBR1 (NM_005899) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NBR1 (NM_005899) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NBR1
Synonyms:	1A1-3B; IAI3B; M17S2; MIG19
ACCN:	NM_005899
Insert Size:	1644 bp



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Insert Sequence: >SC215744 3'UTR clone of NM_005899
 The sequence shown below is from the reference sequence of NM_005899. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACAACTGACTGGTACAGCCAACGCTATGAGGAGTGACCTTGATTAAATAACTGCCTGCTGCTCAGAG
ATGATCTTTATTCTGTCATTGGGGTATGGGATAGAAGCCCTTGCTTATTTTAACTGATGAATCTGTA
TAGAGCCCATCGTTGAGTTACCAAGACAATACCTGCTACAGTATTTGGGGAGCAAATAAGACCAGA
ACTTAAATTTTCACTTTAGACATTGGATGAATAGTATGAAGACAGTTTTTTCAGTTGATTTGGATAAAC
TATTTTAGTGCATTGACAAGTGAACCTCAACTTCATATAGAACCATTTTCTTTCTGCTTTTATTGAA
ACTGAGTATTTTCTTTGGCTAATGTGGATTTTTATGGGGATATCTGTTAATTTTCAGTTTTTGAAG
ACATTAACCTCGAAGTTGTTTTAAGAATTATTCTCATAATTCTTATTCTCATAATTTCTGTAATCCA
CCTCAAGCTTCATAGTTATTTGGCATTGAAATAACACCCAGAGCATGATAGAAATGTTGTTACTCTTCC
TCTCTCAAGGAGAAAGTAAATTTCTGCAATACTTAATAATTGGCACCGTTGCTTTCTAAAGACTCCAT
GGTGCATTCAAGAGTATCCAACCTCAAGGGAATCTCCGCATTTCAATGAAGGAGGAAGAGTGTGCTGA
TAAACCTACCAGCACCTATTGAGCAATGTCTATTATAGTAATTTGCATACATTTTATTTAAGGGAAA
AAATATAGGTATTGTGAAATATTTTGTAACTTATAGAAAAGGAAAAATCCCCTTATTTAAGGGAA
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CCTAGAATGCCTAGAACAGGAAGAGGCAGCTGGTGTCTGCAAACTTGGACAGGGCAAAGTTGCTGA
AAAAGTTTTGGTTAACC CGAAGATAAGTGGAAAAGAGCTTGCCATGAACCCAGGTTCTCACTCTGTT
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AAATGACTTCCAGAAAAGGAAGAATATGAACCCAGACCGAAGGGGAAAAGATAGTTAATAGTATTATC
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GTATAACTCCTGAATGCTACTTAAATAAACCAGGATTCAACTGCAAGCCAGCCAGGCCGTTTATTATT
TAAACGTTTTAATCGGGCTTCCGGGTAGAAGGTGGAGCGGCAGGGTGAATTGGGTTGATGGGTTGGG
ACCTGTCTTGACCATCGGAGTTTTATAATCGAGGGCCAGGAGGGCCGGGTTGCTCTCCTGGTTATGTA
TGTAAGTTGACATAACCACCTAAAGAATGGTGAATAAATGTTCTTGAAATTCCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005899.5](#)

Summary:

The protein encoded by this gene was originally identified as an ovarian tumor antigen monitored in ovarian cancer. The encoded protein contains a B-box/coiled-coil motif, which is present in many genes with transformation potential. It functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. This gene is located on a region of chromosome 17q21.1 that is in close proximity to the BRCA1 tumor suppressor gene. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Locus ID:

4077

MW:

62