

Product datasheet for **SC213354**

NYREN18 (NUB1) (NM_016118) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NYREN18 (NUB1) (NM_016118) Human 3' UTR Clone
Symbol:	NYREN18
Synonyms:	BS4; NUB1L; NYREN18
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016118
Insert Size:	1254 bp



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Insert Sequence: >SC213354 3'UTR clone of NM_016118
The sequence shown below is from the reference sequence of NM_016118. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AATAGGAAGTCAGCAACAAAGAAAAACTAAATAATGAACAGAAATAGCGCTAATTTTCTGCTTATAAAT
GCTATCATTATGAAAAGGCTAATGCAGCTCTTTCTGTTCTTACTTTTATCTGAATTACAAGTCCTCTT
TGGGTGTAGGAGGGGTGGGCAGGGGACAAGTCCAGGAGGGGTCCAGGGCCTTCATGCGTGGTCTCGG
GGAAGAAGCTTCTCTGGCCTGGCGCAGGCCGTTCCATCTGCCTCCCAGGTCTGCGTCCCTAACCCCTT
CCCCAGCTTGGTGTTCACCCGAAACAGGAAGGAACAGGGGTCTGTAGAACAGGGGTCTGGGGAAG
GTGTCCAGGGCAGGGTCTGGGAAGGGTGTCCCGACCGCTTCTCTCCAGCTGTGGCTCCATCTGCCCA
GCTTGCCTGCCTCTGCACCCACTGCCCTGACCTTCTGCTTCCACGCTGCCATCTCTGCCAGGTGC
CACATGGGTTCCTGTGCCACCTTTCCCGCCCTCAAATCGTCCTTTAAGTCTTCTTCCAAGTGCTG
TGGGGCATAACGATGAGGCGCTGGCCTTGGGGGCCACACCAGGTGCGAGCAAATGGCTTCAGCCTGGGA
CGCCAGTGTTTTATGCTCTTAGTTACGTAATAACGCCCCGAAATTCAGATTGAGTGTCAGGCTTTA
TATATATTCAGCATTCCTCATTACAGAAATCTTCTATTGAATGGGAAAGTTAAATGCTAACCAAAGC
AATTTATTTTTAATTAATTTTTAGACTCTGTGCTGTCATACTGAACCTACTGCTAGCTAAGAGACCT
ATCAGAGATTTAGATATATTTTCCAGGTTTTTGTGGGTTTTCTTTGTTGTTGTTGTTGTTCTAGCC
ATGTGACAGAGGCTCTTTCTAAAAGTATGTAGTTCGCTGTGTGTCGGCTCCAGCAGTAACCGTCCTCAC
TGCGCCACGCACTCCTCTGTAGATGTGTGCCAGTGGGAGTTCCTCCAGCCCCAGGACCACAGCAGCA
GCCAGGTGCCGAGTGGATTGAGTGCCAGGTGCATCCAAGACTTTCCCTCCCTCCAGAAGGCACTGACT
GAAGACAGGATGGATCATGCGGAGCCGGCTGAAATGCTCCAACTTTTCAAAGTGTGGGTGGTCCAGTT
TGGACTGATGGGAATCTTCTTGTCATTCTTTTAAACGGATGATACCGATGGAAATAAAGGTGGGAAA
TATATTCAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_016118.5](#)

Summary:

This gene encodes a protein that functions as a negative regulator of NEDD8, a ubiquitin-like protein that conjugates with cullin family members in order to regulate vital biological events. The protein encoded by this gene regulates the NEDD8 conjugation system post-transcriptionally by recruiting NEDD8 and its conjugates to the proteasome for degradation. This protein interacts with the product of the AIPL1 gene, which is associated with Leber congenital amaurosis, an inherited retinopathy, and mutations in that gene can abolish interaction with this protein, which may contribute to the pathogenesis. This protein is also known to accumulate in Lewy bodies in Parkinson's disease and dementia with Lewy bodies, and in glial cytoplasmic inclusions in multiple system atrophy, with this abnormal accumulation being specific to alpha-synucleinopathy lesions. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]

Locus ID:

51667

MW:

46.1