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Product datasheet for SC206463

NOB1 (NM_014062) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	NOB1
Synonyms:	ART-4; MST158; MSTP158; NOB1P; PSMD8BP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014062
Insert Size:	491 bp
Insert Sequence:	>SC206463 3'UTR clone of NM_014062 The sequence shown below is from the reference sequence of NM_014062. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCAGAAAGAAGTTTGTGAAGAAAAGGTGAAGAGCGAGTTCCCGCAGGCAAATTGGATGGGCGTCTGGC CGCCGTGGAGTTCCGGTGACCCATTTCCCCAGCCGTGTCGTCTCCAGGACCACCCGATGGAAATAACAG GCGGGCTTCACGGTGCGGCTCTGTCCGCCCATGCCCCGCTGGGTCTGCAGGGAACTGGACTGTCCCATG GCCTGTGAGCACCGGAGCGCCTGGCTGCCTGCCAAGGAAGTGCAATTGCATAAAAACAGAAAGAACAAC GCCCTGGAGCCAATCTTCAAGAAAGGAATTTCCAAAGGATAATATTTTTCTAATAAATGCGGCTGCAAC CTCCTGTGCATTTAATTAAATAGGCCAAATTTTTGCTGCTTAGGTCATCTCAAGGCTGATACTTGAGCT GTGTGCCCAGAGATCATGCATTTAGATTTATATTTTTGCCAGAAAATACAAGGTTATAATAAAACTAAG AACTACCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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).

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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.

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

RefSeq: NM_014062.3

Summary: In yeast, over 200 protein and RNA cofactors are required for ribosome assembly, and these are generally conserved in eukaryotes. These factors orchestrate modification and cleavage of the initial 35S precursor rRNA transcript into the mature 18S, 5.8S, and 25S rRNAs, folding of the rRNA, and binding of ribosomal proteins and 5S RNA. Nob1 is involved in pre-rRNA processing. In a late cytoplasmic processing step, Nob1 cleaves a 20S rRNA intermediate at cleavage site D to produce the mature 18S rRNA (Lamanna and Karbstein, 2009 [PubMed 19706509]).[supplied by OMIM, Nov 2010]

Locus ID: 28987

MW: 18.9

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