

Product datasheet for RN208543

Nob1 (NM_199086) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nob1 (NM_199086) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nob1
Synonyms:	Nob1p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208543 representing NM_199086 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCCTGTGGAGCACGTTGTGGCTGACGCCGAGCTTTCTTGAGGGATGCGCCTCTACAGGACATCG
GAAAAACATCTACACCATCCGGGAGGTGGTGAGAGAGATTCGCGACAAGGCCACACGCAGGCGGCTGGC
AGTGCTGCCCTACGAGCTGCGGTTCAAGGAACCTTCCCGGAGTACGTGAGGCTAGTAACTGAGTTTTCC
AAGAAAAGTGGGACTACCCAGCCTCTCTGCCACAGATATCCAGGTGCTGGCTCTGACCTACCAGCTGG
AAGCAGAAATTTGTTGGGGTGTCTCATCTAAAGAAAGAACCAGAGAAGTTAAAGTGAGCTCTTCAATTCA
GCACCCTGAAACTCCTCTGCACATTTCTGGTTTCCATCTGCCCTCCAAGTCTAAAGCCTTACAAGAAACG
GTGGATCATGGTCCCCAGCTGATGGGTCTGAGAACCTGGAATTCAGCTCCTTATGTTCTGGAGGAACC
CTCTGCCTAACATTGACCATGAGCTGCAGCAGCTGCTGATTGATGGAAGGGAGGAGGAAGAGGAAGGA
GGAGGAGGAGGAGGAAGAAGATGAACCTTGAAGACAGTGATGACGATGGGGTGGGTGGATAACCCCCAGC
AACATCAAGCAGATCCAGCATGAGTCAGAGCAGTGCGACATCCAAAGGACGTGCAGGTTGGCTGTGTGA
CCACAGACTTCGCCATGCAGAAATGTTCTACTTCAGATGGGGCTGCACGTGCTGGCAGTGAACGGCATGCT
GGTCCGAGAGGCCCGGAGCTACATCTTGCCTGTCTGCTGTTTCAAGACAACATCGGACATGAACCGA
GTGTTCTGTGGCATTGTGGGAACAAGACCCTGAAGAAAGTGTCTGTGACTATCAATGATGACGGTACCT
TGCACATGCATTTCTCCGAAACCCGAAAGTTCTGAATCCTCGAGGCCTCCGGTACTCACTACCCACTCC
AAAAGGGGCAAATATGCCGTCAACCCCCACCTGACCGAGGATCAGCGCTTCCCCAGCTGCGACTCTCC
CACAAGGCCAGGCAGAAGACCAACGTGTTTCCCCCGACTACATAGCTGGGGTTTCTCCCTTCGAGAGA
ATGACATCTCCAGCCGCTCAGCCATCCTGCAAGTCCGGGACAGCATGTTGGGTGCTGGGAGGAGACGCTT
AAATCCCAATGCTTCCAGAAAGAAGTTTGTAAAGAAAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_199086
Insert Size:	1233 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_199086.1, NP_954517.1</u>
RefSeq Size:	1547 bp
RefSeq ORF:	1233 bp
Locus ID:	291996
UniProt ID:	<u>Q6VEU1</u>
Cytogenetics:	19q12
Gene Summary:	mouse homolog is involved in cleavage and processing of 20S pre-rRNA to form the mature 18S rRNA In 40S ribosome subunit synthesis [RGD, Feb 2006]