

Product datasheet for RN203043

Nucb2 (NM_021663) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nucb2 (NM_021663) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nucb2
Synonyms:	Nefa; p54
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203043 representing NM_021663 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGTGGAGGACCATCCAAGCACGGTACTGTTTTCTCTTGTTCCGTGCGTGCTCACTGCGCTGGAAG
CTGTTCTATTGATGTGGACAAGACCAAAGTGCACAACGTCGAGCCGGTGAAAGTGCAAGGATAGAACC
GCCAGACACGGGACTTTATTATGATGAATACCTCAAGCAAGTGATTGAAGTCTTGAAACAGATCCGCAT
TTCAGAGAAAAGCTCCAGAAAGCAGACATAGAGGAGATAAGGAGCGGGAGGCTGAGTCAAGAGCTGGACT
TAGTAAGTCACAAAGTGAGGACGAGACTGGATGAACTGAAGAGGCAAGAAGTAGGAAGACTGAGAATGCT
CATCAAAGCCAAGCTGGATGCCCTTCAAGACACTGGCATGAATCACACCTTCTTCTTAAGCAGTTTGAA
CACCTGAACCACCAGAATCCTGACACATTTGAATCCAAAGACTTGGATATGCTAATCAAGGCGGCCACCG
CGGATCTGGAGCAGTATGACCGGACTCGGCATGAGGAGTTAAGAAGTATGAGATGATGAAGGAACATGA
ACGCAGAGAATATTTAAAAACGCTGAGTGAGGAGAAGAGGAAAGAGGAAGAAGCCAAGTTTGAGAGATG
AAGAGGAAGCATGAAGACCACCCCAAAGTAAATCACCCCGAAGCAAAGATCAACTAAAAGAGGTTTGGG
AAGAGACTGATGGATTGGACCCTAATGACTTTGACCCCAAGCATTTTTCAAATACATGATGTTAACAA
CGATGGATTCTGGATGAACAAGAATTGGAAGCACTGTTCAAAAAGAGTTGGACAAAGTGATAACCCCG
CAGAATGCAGAGGATGATATGATAGAAATGGAAGAGGAGAGGCTCAGGATGAGAGACACGTCATGAATG
AGATTGATAACAACAAAGACCGATTGGTGACTCTGGAGGAATTCTTGAGAGCCACAGAGAAGAAAGAAAT
CTTGGAGCCCGATAGCTGGGAGACACTGGACCAGCAGCAGTTATTCACCGAGGAAGAGCTCAAAGAGTAT
GAAAGTATCATTGCTATCCAAGAGAGTGAACCTAAGAAGAAGGCAGATGAACTGCAGAAGCAGAAGGAGG
AGCTGCAGCGCCAGCAGCACACCTTGAGGCCAGAAGCAGGAGTATCAGCAGGCTGTACAGCAGCTGGA
ACAGAAGAAATCCAACAAGGGATTGCTCCATCAGGGCCGGCAGGAGAGCTGAAGTTTGAGCCACACACA
TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021663
Insert Size:	1263 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_021663.2</u> , <u>NP_067695.1</u>
RefSeq Size:	1644 bp
RefSeq ORF:	1263 bp
Locus ID:	59295
UniProt ID:	<u>Q9JI85</u>
Cytogenetics:	1q35
Gene Summary:	a medial Golgi cisternae resident protein [RGD, Feb 2006]