

Product datasheet for MC200847

Nup43 (NM_145706) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup43 (NM_145706) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nup43
Synonyms:	2610016K01Rik; 2610529I12Rik; AA409950; p42
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011060 sequence for NM_145706

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GGAGCGCGCAGTGTGCTTTCTGCTGAACCTTCTTGCTGGTTTCAGCATGGAGGAAATTTATGCTAAGTTC
GTGTCTCAGAAAATTAGCAAAACCGCTGGCGGCCAGTGCCTTCGGGAGCCTGCAGACCACAGAGACCT
TTGCCACGGGCTCTTGGGACAATGAGGAAAATTGCGTTTCACTGTGGTCTATTGGAGATTTTGAAACTT
GGATTCTGACGGAGGTTTGAAGGAGACCATCAGTTACTGTGCGATATTAGACATCATGGGGATGTCATG
GATTTACAGTTTTTTGACCAGGAAAGAATTGTAGCTGCTTCGTC AACAGGCTGTGTAACAGTTTTCTTC
ACCATCCAATAACCAGACCTGTCCGTC AATCAGCAGTGGCCTGCAGCTCATTACCATACAGGTCCCAG
CAGTCCCTCCTATAGCAGTGCACCATGTACAGGAATTGTGTGTGACAACCCAGAAATTGTTACAGTTGGA
GCGGATGGCCGAATAAATCTCTTCAGAGTTGATCACAAGGAAGCTGTCAGAACTATAGATAATGCAGACA
GCAGTACACTCGATGGTACAGTATTCCTTCGAACCTCTGAGATTGTTACAGTAAATTCAATTGGACAGTT
AAAAATATGGGATTTTCAGACAACAAGGAAGTGAACCTGTCAGATACTATCACTGACTGGTGACCGAGTG
CCACTCCACTGTGTTGACAGACATCCAGACCAGCAGCATGTTGTAGCTACCGGTGGCCAGGATGGAATGT
TGAGTATTTGGGATGTCAGACAAGGTACCATGCCTGTGTCTTACTGAAGGCTCATGAGGCTGAAATGTG
GGAGGTTCACTTCCACCCGTCCAACCCAGATCACCTGTTCACTTGTCTGAAGATGGATCTCTCTGGCAT
TGGGATGCCTCCACAAATGCACCTGAAAAGTCTTCTCTCTTCACCAAGGAGGAAGAAGTAGTACTTTCC
TGTCACATAGCTTAAGTAACCAGGCCGTGTTACCCAGTCTCTAGTAAGTTCTGGCTCAGCACAGACCC
TGCCAAAGACCGAATTGAAATCACAAGCTTGCTTCCCAGCAGGACTCTGTCTGTAACAGTTTGGATGTT
TTAGGTCCTGTCTTGTGTTGTGGAAGTATGATGAGAAGCCATTTATGTTACCAGACAATATTTTCATGAA
AGTGAAAAAACCTAGTTATCAAAATTTATCACCAGAAAGTGGCATTGTAAGGAAACAATAAAGTGTGTT
GTTATTGTCAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	RsrII-NotI
ACCN:	NM_145706
Insert Size:	390 bp


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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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC011060</u> , <u>AAH11060</u>
RefSeq Size:	1294 bp
RefSeq ORF:	390 bp
Locus ID:	69912
UniProt ID:	<u>P59235</u>
Cytogenetics:	10 A1
Gene Summary:	Component of the Nup107-160 subcomplex of the nuclear pore complex (NPC). The Nup107-160 subcomplex is required for the assembly of a functional NPC. The Nup107-160 subcomplex is also required for normal kinetochore microtubule attachment, mitotic progression and chromosome segregation (By similarity).[UniProtKB/Swiss-Prot Function]