

Product datasheet for RN207371

Nup210 (NM_053322) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup210 (NM_053322) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nup210
Synonyms:	Pom210
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207371 representing NM_053322 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGCGGGCTCGCTGATACAGCCGGGGCTCTGGGCGCTGCTGTTGCTGCAGGCAGTGGGCCCGCCG
 TGGCCGCCAAGCTTAACATTCCAAGGTGCTGTCCTTTACGCGAGCCACGCGCTGAACCTCACTCT
 GGAAGCTTCTGAGGGCTGCTACCGCTGGTCATCCACAGGCCAGAGGTAGCCAGCATAGAGCCATTGGGC
 TCTAGTGAACAGCAGTGTCTCCAGAAGGCAGTGGTGCAGGCCCGCTGACCCAGCCAGCCCGCTGACCA
 GCATCATCTTTGCAGAAGACATCACTACAGGCCAGGTGCTGCGCTGCGACGCCATTGTTGATCTCATCCA
 CGGCATTAGATTGTCTCTACCAACCGTGAGCTCTATCTTGAGGACTCTCCGCTGGAGCTGAAGATCCAG
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 AAGTCAGGCTGCTGATCTTGGAGAATCCTTCTGAATCCAGCCTATGATGTTTACCTACTGGTGGGGAC
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 AAAGACAGGAGCCTATCAATATACTATAAAGGCCCATGGGGGCAGTGGGAACTTCACCTGGTCTTCTCG


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AGCTACATGGTTGCCACGGTTACTGTCAAGGGTGTGATGACCACAGGCGGTGACACTGGCCTCAGTGTGA
 TCCGGGCACATGATGTTCAGAACCTCTCCATTTTGGTGAGATGAAGGTGATGTGATTGAGCCCAGCAG
 CATGGAGTTTGCCCGTGCCAGGTGGAGGCTCGAGTGGGTACACCCCTGGAGCTGCCCTGACAATCAGT
 GGCCTCATGCCCGGTGGGAGCAGCGAGGTGGTCACCCCTGAGCGACTGCTCCCATTTTGACCTGGTGGTGG
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 CCAGGCAGTGAGGATCCGAGCCCCGATCACACGAATGAGGACCGGGACCCAGATGCCTGTCTATGTCACC
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 TTGCACAGGAGCCTTTCCGACCAACAGACTGTCTTGTGCTGTAAAGGTCTCTCTATTTTACACT
 GAGGATCTCCATGAGCCAGTCTGCACACTCAGCACAAGGAGGTGCTGACAGCTCTGCCTCTGGGGATG
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 ATTTCTGCTACTAACAGAGATGACTTCGTGCAGATTGGCAAGGGGGCCACCAACAACACTGCATCATCCG
 CACAGTCACTGTGGGCTTGACACTGCTCCACGTGTGGATGTGGAACATCTCGGCCTCTCCGACTTCGTG
 CCACTACCTGTCTGCAGGCCATCACCCAGAGTTGTCTGGAGCTGTGGTGGTGGCGACATCCTCTGCC
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 GGACATCTGAAGACCTTCAAGGAGATAGTGGTGTGACCCCTCAGAAGATTGTGGCCCGTCGCTCCACG
 CCACGCAGACAGTATCCAGGAAGCCACAGCCTCTAAAGTGACTGTGAGCGTGGGAGACAGGAGCTCTAA
 CCTACTTGGTGAGTGTCTCTGCCCAGCGAGAGGCCATAGAAGCCTTGACCCAGAGTCCCTCATCAGC
 TGCCAACCTCCAGTTCAAGCAAGATGTCTTTGACTTCCCTGCTCGTGACATCTTCTGTGGAACAGGAT
 TTGATACTGCACTGGGCCAGTACCTCTGCTCGGTTACTATGCACAGACTGACAGATAAGCAACTGAAGCA
 CTTGAACATGAAGAAGACATCACTGGCGGTACCGCCTCCATGCCTAGCAGCCGTACATCTGTAGAAAAG
 GTGGGAGCTGAGGTCCCCTTCAGTCCAGGGCTCTATGCCAACCAGGCAGAAATCCTTTGAGCAACCACT

ACCCCAGCTCCGAGGTCAAGATCTTCGGTGCTGTGGAAATCTGGAAAATTGGAGGTGAGGTCCGGGTC
 CCCAGCAGTGCTAGCCTCCGTGAAAGAGAAGTCATTTGGACTGCCAGCTTCATCACGTACACAGTTGGT
 GTCTTGATCCCACAGCTGGCAGCCAAGGCCCTCTGTCCACTGCCCTGACCTTCTCCAGTCTGCCACTA
 ACCAGGCCATCACCATTCCAGTCACTGTGGCCTTTGTGTTGGATCGTCGTGGGCTGGTCCCTATGGAGC
 CAGCCTCTGTACACTTCCTGGACTCCTATCAAGTCATGTTCTTCACCTTTTTGCCCCTGCTGGCTGGG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053322
Insert Size:	5661 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:	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_053322.2, NP_445774.1</u>
RefSeq Size:	6941 bp
RefSeq ORF:	5661 bp
Locus ID:	58958
UniProt ID:	<u>P11654</u>
Cytogenetics:	4q34
Gene Summary:	major component of the nuclear pore complex; may play a role in anchoring the central framework of the pore complex to the membrane [RGD, Feb 2006]