

Product datasheet for **MC224594**

Nup210 (BC052468) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nup210 (BC052468) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nup210
Synonyms: 9830001L10, gp190, gp210
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC052468
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGGCTCACTAGTGCAGCCGGCGCTCTGGCGCTGCTGTTGCTGCAGGTAGTGGTCCC
 CGGCCCAAGCTTAACATTCCTCAAGGTGCTGCTGCCCTCACCGGGCCACGCGGTGAATTCCTCT
 GGAAGTCTCTGAGGGCTGCTACCGCTGGTCCATCCACCGCCAGAGGTAGCCAGCATAGACCGTGGGC
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 TCATACCTGAGGATCTCCATGAGCCAGTCTGCACACTCAGCACAAGGAGGCGCTGACAGCTCTGCCTC
 TGGGGATGACCGTGACCTTATTGTCCACTCCACGACAGCTCTGGAGACATCTCCATGCTCATAATTC
 AGTCTCAATTTTGCCTAACAGAGATGACTTCGTGCAGATCGGCAAGGGTCCACCAACAACACCTGC
 ATCATCCGCACAGTCAAGTGTGGCTTGCAGTCTCCATGTGTGGGATGTGGAGCACCTCGGCTCTCCG
 ACTTCGTACCACTACCTGTCTACAGGCCATCACCCAGAGTTGTCTGGAGCCGTGGTGGTGGTGGAT
 CCTCTGTCTGGCTAGTGTCTTACTAGCCTGGGAGGTGTCTCAGGGACATGGAGCTCCTCAGCCAGCCAT
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 CAACCACTATAACAGCTCCGAGGTCAAAGTCTTTGGTGTGTGGAGAGTCTGGAAAATTTGGAGGTGAAA
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TGCCACTAACCAGGCCATCACCATTCCAGTCACCGTGGCCTTTGTGTTGGATCGTCGTGGGCCTGGTCCC
TATGGAGCCAGCCTCCTGTCACACTTCCTGGACTCCTATCAAGTCATGTTCTTCACCTTTTTGCTCTGC
TGGCTGGGACAGCAGTCACCATTATAGCCTACCATACAGTCTGTGCACCCCGGAACTTGCTTCACCCCT
GGCCCTCAGCCCCGTGCCAGCCCTCAGCACAGCCCCACTATCTTGCCCTCATCTCCGGCTGCTTTCAAC
ACACTGCCTTCTGGTCGCAAAGCCAGCCCTCCCTCGGGGCTCTGGAGCCAGCCTATGCCTCTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC052468
Insert Size:	5529 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>BC052468</u> , <u>AAH52468</u>
RefSeq Size:	6914 bp
RefSeq ORF:	5528 bp
Locus ID:	54563
Cytogenetics:	6 40.3 cM
Gene Summary:	Nucleoporin essential for nuclear pore assembly and fusion, nuclear pore spacing, as well as structural integrity.[UniProtKB/Swiss-Prot Function]