

Product datasheet for MR212089

Nup210 (BC052468) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup210 (BC052468) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nup210
Synonyms:	9830001L10, gp190, gp210
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212089 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCGGGCCTCACTAGTGCAGCCGGCGCTCTGGGCGTCTGTTGCTGCAGGTAGTGGGTCCC
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AGCTCCATGGTTGCCACAGTCACCGTCAAGGGGGTTCATGACCACAAGTGGTGACTGGCCTCAGTGTGA
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Protein Sequence:

>MR212089 protein sequence
 Red=Cloning site Green=Tags(s)

MARASLVQPALWALLLLQVVGPA AAAAKLNIPKVLPPFTRATRVNFTLEASEGCRYWSSTRPEVASIEPLG
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 MKTGSSKPKARIQEAVYKNVRPAEVRLLILENILLNPAYDVYLLVGTSHYKVKIRQGGKITELESMPSDQ
 YELQLQNSIPDPQGDPAVPVAILTQDTSRVTAMQMGQSNLVLGHRISIRMQASRLPNSTIYVVEAGYLG
 TVYVPGDRWVLETGHLAYITIEVFDRSSNKVYPSDNIRIEAVLPAEFFEVLSSSQNGSYHHIRAIQSGQTA
 ISATLTSVVDQDGGVHVLQVPVWNQQEVDIHIPITLYPSILTFPWQPKTGAYQYTIKAHGGSGNFSWSSS
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 ASIELILVEDVRVSPEEMTIYNHPGVQVELYITEGSGYFFLNTSTQDI IKVAYQDTRGVALVHPLPGSS
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 IIRTVSVGLTLLHVWDVEHLGLSDFVPLPVLQAITPEL SGAVVVDILCLASVLSLGGVSGTWSSSASH
 VLYVDPKTGVAIARDAGSVTVYIEIAGQLKTFKEIVVGTQPKIVARRLHSAQTSIQEATASKVTVSVGDR
 SSNLLGECSPAQREAI EALHPESLISCQLQFKQDVFDFPACDVFVTEPGFDAALGQYLCSVTMRRLTDKQ
 LKHLNMKKTSLAVTASIPSSYTSVEKVGAEVPPSPGLYANQAEILLSNHYTSSEVKVFGAVESLENLEVK
 SGSPAVLAFVKEKSFGLPSFITYTVGVLDPTAGSQGPLSTALTFSSPATNQAITIPVTVAFVLDRRGPGP
 YGASLLSHFLDSYQVMFFTFALLAGTAVTIIAYHTVCAPRELASPLALTPRASPOHSPHYLASSPAAFN
 TLPsGRKASPPSGLWSPAYASH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



- ACCN: BC052468
- ORF Size: 5526 bp
- OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)
- OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
- 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: [BC052468](#), [AAH52468](#)

RefSeq Size: 6914 bp

RefSeq ORF: 5528 bp

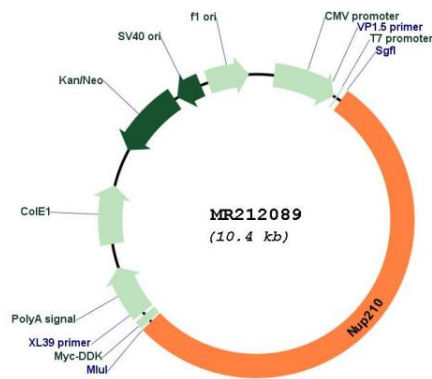
Locus ID: 54563

Cytogenetics: 6 40.3 cM

MW: 199.5 kDa

Gene Summary: Nucleoporin essential for nuclear pore assembly and fusion, nuclear pore spacing, as well as structural integrity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR212089