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Product datasheet for MC225163

Nup214 (NM_172268) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup214 (NM_172268) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nup214
Synonyms:	BC039282; CAN; D2H9S46E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC225163 representing NM_172268
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGAGACGAGATGGATGCCATGATCCCTGAGCGGGAGATGAAGGACTTTCAGTTTAGAGCACTGAAGA
AAGTGAGGATCTTTGACTCTCCTGAAGAGTTGCCCAAGGAGCGCTCGAGTGTGCTTACCATATCCAATAA
GTATGGTATGCTCTTCGCTGGTGGCACCAATGGCTTGAATGTTTTTCCTACTAAAAGCCTTCTTATCCAA
AATAAACCTGGAGATGATCCCAATAAAATTGTTGACACAATTCAAGGCTTGAATGTTCCTATGAAATTCC
CAGTCCATCACCTAGCACTGAGCTGTGATAGTCTTACACTCTCTGCCTGCATGATGTCTAGTGAATACGG
CTCCATTATAGCTTTTTTTGATGTTCGCACATTTTCAAATCAGGCTAAACCATTGAAACGTCCATTTACC
TATCACAAGGTTTCAAACGATGCCAGCGGAATGGTGAATGATATGAAGTGGAACCCCACTGTCCCTTCCA
TGGTGGCAGTTTGTCTGGCTGATGGCAGTATTTCTGTCTTGCAAGTTACAGATGTGGTGAAAGTATGCGC
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AAGCAGAATGGAACTGTGGTCCAGTACCTTCCTACTTTGCAGGAAAAAAAGGTCATTCCATGTCCTCCAT
TTTATGAGTCAGATCATCCTGTCAGAGTTCTGGATGTGCTATGGATTGGTACATATGTCTTCACGATAGT
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CATCCTTGCTCGACAAAATGATCAGACTAATTGGGAATCTTGGCTGCTGGAGGACTCTAGTCGAGCTGAA
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TCAACAGAAGGAGAGCGACAGCCTAAGTCCTCAGGAAGTTTTCCTGGTACTCCATCTTCCCCTCAAGCTC
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CTTCCCTATGCCCTCTGCTGCAGGAAGCCCTTCTGTGTTCTCCTTTGGCCCTTCATCCTTCAAGTCTTCT
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GCTTCTGTCACCGGGGAGCCCCCACTGTACCCCACTGGCTCCGACAGCTCCAGAGCAGCACCAGGCTCTG
GCACCTCCACTTTCTCTTTTGCTCCTCCTTCCAAAGGCTCCCTGGCGTCGACCCCTGCAGTGGCTCCTGT
GGCCACATCTGCTGCTCCCTTCACTTTTGGTTTTAAGCCCACCTTGGAAAGCACACCTATGTCCAGTACC
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CTCAGGGGTTAGCTTTCCTAATACTTCAGTGTTAGGGAAGCCAGTGGAGCCCGCTGTGACCTCCTCTGTG
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CAACTTCTGCCACAGAGACAGCTGTATTTGGGACTGCCACATCTGGTTCCTCAGTCTTTACACAGCCACC
TGCTGCCAGTTCTAGCTCAGCGTTCAGCCAGCTCTCCAGTAACACAGCCACTGCGCCCTCTGCCACCCCT
GTGTTTGGGCAAGTGGCAGCCAGCATAACCAGCACAGCCGCTGCCACACCACAGGCCAGCAGTTCAGGGT

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TTGGCAGCCCTGCATTTGGTGCTTCAGCTCCTGGAGTGTTCGGACAGACAGCATTTGGGCAGACCCCAGC
CTTTGGGCAAGCAACAAGCAGCCCTGCCAGTGGCTTCTCCTTCAGCCAGCCTGGGTTCAGTTCCGTGCCT
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CGGAGAGGGTACTGCGGCTGCCAGCGCAGGCGGATTCGGGTTCGGGAGCAGCGGCAATACTGCATCCTTC
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CGAGCAGTGGATTCGCTGGGTTTGGATCGGGCACAGGAGCCTTCACCTTTGGATCATCTAACTCGTCTGT
CCAGGGCTTCGGTGGCTGGAGAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172268

Insert Size: 6258 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: NM_172268.2, NP_758472.2

RefSeq Size: 8195 bp

RefSeq ORF: 6258 bp

Locus ID: 227720

UniProt ID: Q80U93

Cytogenetics: 2 21.97 cM

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Gene Summary: May serve as a docking site in the receptor-mediated import of substrates across the nuclear pore complex.[UniProtKB/Swiss-Prot Function]

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