

Product datasheet for RN202335

Nup155 (NM_053952) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup155 (NM_053952) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nup155
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202335 representing NM_053952 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCATCTATGCTGGGCTCGATGATGGTGGCCTCTACGTCGGCCCCCTCCCTGCAAGAAGCTTTGGAAA
ATGCGGGGAGGCTTATCGACCGACAGTTGCAAGAAGACCGCATGTACCCGGACCTTTCTGAGCTGCTCAT
GGTGTCGGCCCCAAACAGTCTACTGTTTCTGGAATGTCTGATATGGATTACCCCTGCAAGGACAGGT
CTACTGTCAGTACCGAGCCTTCCAGAGATCAGCACCATCCGAAGAGTTCCCTCCGCTGAGCTGGTTGA
ACAGTTTGGACACATGCAGTGAAGTCAATGATGGGTGTTTTCCCTCCTATCAGCAGAGCTTGGCTTAC
AATTGACAGTGACATATTCATGTGGAAGTGAAGACGGAGGTGATCTTGCCTATTTTGTGACTCAGT
GAGACAATTCTTGTGGGGCTGTGAAACAAAAGCTGGAATCTTCAACCTCATGTAAGACATTTGT
TGGTTTTGGCAACACCTGTGGATATAGTAATTCTTGGACTCAGCTATGCTAATGTTCCAGACAGGCTCTGG
CATCCTTAATGACAGTGTGTGGTGGCCTGCAGCTGCTCCAGATCCTTGTACTCCCTCCCACGGAC
AACACTTACCTTTAACTATCACCTCCACGGATAATGGCAGGATTTTTTGGCTGGAAGGACGGCTGTT
TGTATGAAGTAGCATACCAAGCAGAAGCAGGCTGGTTCAGTCAAAGATGTAGGAAGATAAACCACTCCAA
GAGCTCGCTCTCCTTCTCGTGCCTTCTTGTGTCAGTTCACCTTCTCAGAAGATGATCCTATTGTTCAA
ATTGAAATTGATAATTCCAGAAATATTTGTATACCCGATCGGAGAAAGGAGTGATACAGGTTTATGATT
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GAACATTGCTAGGACTATCGATCGTTCCGTTTTAAGCCAATTGTTCAAATAGCTGTGATTGAGAAGCTCT
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TTAGACAGCCATTAGCTCGGCCAATACACTGACACTGGTTCACGTCCGGTTACCTCCTGGCTTCTCAGC
GTCTTCAACAGTTGAAAAGCCTTCAAAGTACATAAAGCACTTTACAGTAAAGGAATTTTACTGATGACA
GCCTCAGAAAATGAAGATAATGACATTTTATGGTGTGTCACCATGATACATTTCTTCCAAAAGCCAA
TGATGAAAACCTCAGATGACAACCTGTTGATGGCCATTCTGGGCTCTTCTGCAATAGATGAATTAAA
AGTAGATAAAATAATCACGCCTTTAAATAAAGATCATATTTCCAATAACTGACTCCCCAGTTGTTGTACAA
CAGCAGATGTTGCCTCCAAAAGAAATTCGTTCTCCTCCTCAGCACAGGGTAGTCTTATGTTTCAAACTTA
GACCCGTAGATCAGCTGAGACATCTGCTGTGAGTAACTGGGAGGGGATGGAGAAGAGATTGAGAGATT
CTTCAAATTACATCAGGAAGACCAAGCTTGTGCGACGTGCCTTATTCTTGTCTTCCACCCTGCCTGT



GACAGAGAGGTGTCTGCCTGGGCTACGAGGGCATTCTTTAGGTATGGTGGTGAGGCACAGATGAGATTTCCAGCTACTCTTCCCACTCCGAGTAACGTTGGTCCCATCCTGGGCTCCTATGTATTCTAGTTCTCCTGTTCCTACTGGGAGTCCCTATCCAAATCCTTCTTTGGGGACACCATCCCATGGTGCTCAGCCTCCTACCATGTCAACCCCAATGTCTGCTGTTGAAACCCAGCCATGCAGGCTGCAAGCCTGAGTGGTTTGACTGGACAGAGATTGTGTACTCAGGAAAACACAACGGTATTTGCATTTACTTTTCTCGAATCATGGGAAATATTTGGATGCTAGCTTAGTTGTTGAAAGAGTATTCAAGAGTTCCAACAGGGAGATCACTGCAATTGAAAGCAGTGTGCCTATCCAGCTGCTGGAGTCAGTGCTACAGGAACTGAAGGGTTTGAGGAATTTCTAGACAGAAATCTCAGTTTTCCAGGAGCACCCTAGGAAATCCAAATACCACTGCCAAAGTGCAGCAGAGGCTGCTTGGAGTCATGCGTCCCAGAAATGAAACACCCAGCAATGCAACAGGAGCTGCAGAGGAAGTTTCATGAGGCTCAACTGAGTGAGAAGATTTCACTTCAGGCAATCCAGCAGCTAGTTAGAAAATCGTACCAAGCTCTGGCTTGTGGAAACTCCTTTGTAACATCAGTTTACTGTCATTGTAGGAGAACTTCAAAGGAATTTCAAGAGCAGCTGAAGATCACTACCTTTAAGGATCTGTAATCAGGGAGAAAGAGGCTCACTGGAGCACTAATTGCTTCTCTCATCACTGCTACATCAGAGACAATGCTGCTGTAGATGGCATTAGTTTACATCTGCAGGACACCTGTCCGCTTCTGTATAGCACAGATGATGCAGTTTGTCCAAGGCAATGAACTTCTCAGCGTTCCCGCAAGTTCAAGTAAGAGCGAGAGAGAGAGGATGTTGAGGGAGTCTCTGAAGGAGTACCAGAAAATCAGCAACCAAGTAGACCTCCCAGTGTGTGCTCAGTATCGGCAAGTGCCTTTTATGAGGGTGTGGTGGAACTGTCTCTTACTGCTGCGGAGAAGAAAGATCCTCAGGGTCTTGGACTCCATTTCTATAAGCATGGGGAACCGGAAGAGGATGTGGTTGGTCTTCAGACTTTCCAAGAGAGATTAACAGTTACAAGTGCATCACAGACACTCTTCAAGAACTGGTAAATCAAAGTAAGGCAGCTCCTCAGTCTCCTAGTGTACCCAAAAGCCTGGTCTCCAGTGTGTGTCATCCGATCCCAACATGCTGAGCAATGAAGAGGAGGACATCACTTTGAACAAATGCTTAACTGGCTCAGCGATCCAAGGATGAGCTCTTCACTGCTCTATAACTGGCTAATCCAAGCTGACCTTGAGATAAACTGCTACAGATTGCATCTCCATTTCTTGAGCCACATCTGTCCGAATGGCCAAAGTGGATCAAACCGGATTCGCTATATGGATTTACTCTGGAGGTATTATGAGAAGAACAGGAGTTTCAGCAGTGTCTCGGTCCTGTCCAAGCTGGCCGACATGCACAGCACAGAAATTTCACTGCAGCAGCAGTACAATACATTGCTCGAGCCATTCTTAGTGCAAAAAGTTCCACTGCCATTTCCATCCATAGCTGCAGATGGTGAATTCCTACATGAACTAGAAGAGAAAATGGAAGTTGCTAGGATCCAATTCAGATACAAGAGACACTCAAAGGCAGTACTCCCATCATTTCTCAGTGCAGGATGCAATTTCTCAGCTGGATTCTGAGCTCATGGACATTACTAAGCTTTATGGAGAAATTTGCTGACCCATTTAACTTGCAAGATGTAACCTGCAATCATTATTGTGCTGGTTATTCAGATCCCATATTGGTACACACTTTGGCAAGATATCATAGAGAAAGAATTGAGTGATAGCGTAACATTGAGTTCATCAGATCGAATGCATGCTCTTAGCCTCAAGCTTGTCTCCTTGGCAAAATCTATGCTGGCACACCTCGATTTTCCCTCTGGATTCATTGTGCAGTTCTTGAGCAGCAAGTTTGTACTTTAACTGGGATGTGGGATTTGTGATACAGACCATGAATGAAATCGGTGTGCCTTTACCTAGGCTACTAGAAGTTTATGATCAGCTCTTCAAATCAAGGGATCCATTCTGGAACAGAGTGAAGGTCCTACTGCACCTTTTGGATTGTATCCATGTAAGTGTGACAAGATATGTTGAGAATCCTAGCCTAGTTTTAAATTGTGAGAGGAGAAGGTTTACAAATCTCTGCCTGGATGCCGCTGTGGTTATCTGGTTGAACTTCAGTCAATGAGCTCTTCGGTGGCAGTACAAGCCATCACTGGAAATTTAAATCTCTCCAAGCGAAGTTGGAACGGCTCCATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053952
- Insert Size:** 4173 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_053952.1](#), [NP_446404.1](#)

RefSeq Size: 4311 bp

RefSeq ORF: 4173 bp

Locus ID: 117021

UniProt ID: [P37199](#)

Cytogenetics: 2q16

Gene Summary: nuclear pore complex protein [RGD, Feb 2006]