

Product datasheet for **MC224378**

Nup155 (NM_133227) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nup155 (NM_133227) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nup155
Synonyms: D930027M19Rik; mKIAA0791
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224378 representing NM_133227
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCATCGGTGCTGGGCTCTATGATGGTGGCCTCTACGTGGCCGCGCCTCCCTGCAGGAAGCTTTGG
AAAACGCGGGGAGGCTTATCGATCGACAGTTGCAAGAAGACCGCATGTACCCGGACCTTTCTGAGCTGCT
CATGGTGTGGCCCAACAGTCTACTGTTTCTGGAATGTCGACATGGATTACCTCTGCAAGGACCA
GGTTTGCTGTGAGTACCCAGCCTCCAGAGATCAGCACTATCCGGAGAGTTCCCTCCCGCTGAGCTGG
TTGAACAGTTTGGACACATGCAGTGCAACTGCATGATGGGCGTTTTCCCGGATCAGCAGAGCCTGGCT
TACGATTGACAGTGACATATTCATGTGGAAGTATGAAGATGGAGGTGACCTTGCCTATTTTGATGGACTC
AGTGAGACAATCTTGCTGTGGGCTTGTGAAACCAAAGCTGGCATCTTCAACCTCATGTAAGACT
TGCTGGTTTTGGCAACCCTGTGGATATAGTAATCTTGGACTCAGCTATGCTAATGTACAAACAGGTTCC
TGGCATTCTCAATGACAGCATGTGTGGCGCATGCAGCTGCTCCAGATCCCTTATATTCTTCCCAGC
GACAACACGTACCTTTAAACAATCACGTCCACGGATAATGGCAGAATCTTCTGGCTGAAAGGATGGCT
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CAAGAGCTCGCTCTCCTTCTGGTGCCTTCTTGTGTCAGTTTCCAGTTCAGAAAGATGATCCTATTGTT
CAAATTGAAATTGATAATTCCAGAAATATTTGTATACACGATCGGAGAAAGGAGTTATACAGGTTTATG
ATTTGGGCCATGATGGACAGGGATGAGTAGAGTTGCTTCAGTTTACAGAAATGCCATTGTCTCTGCTGC
TGGAAACATTGCTAGGACTATTGATCGTCCGTCTTAAAGCCAATTGTTTCCAGATAGCTGTGATTGAGAGT
TCTGAATCCCTGGACTGTCAGTTACTGGCTGTCACTCACGCAGGTGTAAGGCTGTATTTCCAGCACTTGT
CGTTTAGACAGCCATTAGCTCGGCCGAATACACTGACTGGTCCACGTCCGGTTACCTCCTGGATTTTC
AGCATCATCAACAGTGGAAAAGCCTTCAAAGTGCACAAAGCACTTTACAGTAAAGGAATTTACTGATG
ACAGCCTCAGAAAATGAAGATAATGACATTTTATGGTGTGTAACCATGATACATTTCTTTTCAAAGC
CAATGATGAAAACCTCAGATGACAACCCGTGTTGATGGTCAATTCCTGGGCTCTCTGCAATAGATGAATT
AAAAGTAGATAAAATAATTACACCGTAAATAAAGATCATATTCCAATAACTGATTCCGCCAGTTGTTGTA
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TTAGACCTGTAGATCAGCTGAGACATCTGCTTGTGAGTAACGTGGGAGGGGATGGAGAAGAGATTGAGAG
 ATTCTTCAAATTACATCAGGAAGACCAAGCTTGTGCAACTTGCCTTATTCTTGGTTGTTCCACTGCTGCC
 TGTGACAGAGAAGTGTCTGCTTGGGCAACACGGGCATTCTTTAGGTATGGTGGTGAAGCAGATGAGAT
 TTCCAGCTACTCTTCTACTCCAAGCAACGTTGGTCCCACCTTGGCTCTCTATGTATTCTAGTTCTCC
 TGTCCCTAGTGGGAGTCCCTATCCAAATCCATCCTCTTGGGGACACCATCCCATGGTGTCTAGCCGCT
 ACCATGTCAACCCCAATGTGTGCTGTTGGAAGCCAGCCATGCAGGCTGCAAGCATGAGTGGTTTGACTG
 GGCCAGAGATTGTACTCAGGAAAACACAACGGTATTTGCATTTACTTTTCTCGAATCATGGGAAATAT
 TTGGGATGCGAGCTTAGTTGTTGAAAGAGTATTCAAGAGTTCCAACAGGGAGATCACTGCAATTGAGAGC
 AGTGTGCCCGTCCAGCTGCTGGAGTCAGTGTGCAAGGAGCTGAAGGGCTTGCAGGAGTTTCTAGACAGAA
 ACTCCCAGTTTTAGGTGGACCCCTGGGAAATCCAAATACTACTGCCAGAGTGCAGCAGCGGCTGGTTGG
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 CAACTGAGTGAAGATTTCACTTCAGGCGATCCAGCAGCTGGTTAGAAAATCGTACCAAGCTCTGGCTC
 TCTGAAACTCCTTTGTGAACATCAGTTTTCTGTCATTGTGCGGAGAACTCAAAGGAATTTCAAGAGCA
 GCTGAAGATCACACCTTAAGGATCTGGTGATCAGGGACAAAGAGGTCCTGGAGCATTAAATGCTTCT
 CTTATCAACTGCTACATCAGAGACAACGCCCGTAGACGGCATTAGCTTACATCTGCAGGACACCTGTC
 CGTTCGTATAGCACAGACGATGCAGTTTGTCTAAGGCAAATGAGCTCCTTCAGCGTTCCCGACAAGT
 TCAGAGTAAGACTGAGAGAGAGAGGATGTTACGGGAGTCACTGAAGGAGTATCAGAAGATCAGCAACCAA
 GTGGACCTTCCCAGTGTCTGTGCTCAGTATAGGCAAGTGCCTTTTTATGAGGGTGTGGTGGAACTTCTC
 TTAAGTGTCCGAGAAAAAGATCCCTCAGGGTCTTGGACTCCATTTCTATAAACATGGGGAAACCAGAAGA
 GGATGTGGTTGGTCTTCCAGACTTCCAAGAGAGATTAACAGTTACAAGTGCATTACGGATACTCTGCAA
 GAGCTGGTAAATCAAAGTAAGGCAGCTCCCAGTCTCCCAGTGTACCCAAAAAGCCTGGGCTCCAGTGC
 TGTCACTGATCCCAACATGCTGAGCAATGAAGAAGCAGGACATCACTTTGAACAAATGCTTAAATGGC
 ACAGCGGTCCAAGGATGAGCTCTTCAGCATTGCTCTTTATAACTGGCTAATAACAAGCTGACCTTGCAGT
 AAATGCTACAGATTGCGTCACCAATTTCTGGAGCCACATCTTGTGCGAATGGCCAGAGTGGATCAGAACA
 GAGTCCGCTATATGGATTTACTCTGGAGGTATTACGAGAAGAAGCAGGAGCTTTCAGCAGCGCCGCTCGGGT
 CCTATCCAAGTTGGCGGACATGCACAGCACAGAAATTTCACTTCAGCAGCGACTAGAATACATTGCTCGA
 GCCATCCTTAGTGCGAAAAGTTCCACTGCCATCTCATCCATAGCTGCAGATGGTGAATTCCTGCATGAGT
 TAGAAGAGAAAATGGAAGTTGCTAGAATCCAATTCAGATACAAGAGACACTACAAGGCAGTACTCCCA
 TCATTCTCAGTGCAGGATGCAATTTCTCAGCTGGATTCTGAGCTCATGGACATTACTAAGCTCTATGGG
 GAATTTGCTGACCCGTTAAACTTGCAGAGTGTAAACTTGCAGTCATTCTTGCCTGGTACTCAGATC
 CCATATTTGGTGCACACTCTGGCAAGATATCATAGAGAAAGAATTGAACGACAGCGTAGCATTGAGCTC
 GTCAGATCGAATGCAATGCTCTCAGCCTCAAGCTTGTCTCCTCGGCAAAATCTATGCTGGGACGCCCTCGG
 TTTTTCCCTCTGGATTTATCGTGCAGTTCTTGGAGCAGCAAGTTTGTACCTTAAACTGGGATGTGGGGT
 TTGTGATACAGACCATGAATGAAATCGGCGTGCCTTTACCTAGGCTGCTAGAAGTTTATGATCAGCTCTT
 CAAATCACGGGATCCATTCTGGAACAGAGTGAAGGCCACTGCACCTTCTGGATTGTATCCATGTACTG
 TTGACAAGATATGTTGAGAATCTAGCCTAGTTTTAAATTTGTGAGAGGAGAAGGTTTACAATCTCTGCC
 TGGATGCCGTCTGTGGATATCTGGTGAAGTTCAGTCAATGAGTTCTTCAGTAGCAGTACAAGCCATCAC
 TGGGAATTTAAATCGTCCAAGCAAAGCTGGAACGGCTCCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_133227

Insert Size:

4176 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>NM_133227.3</u> , <u>NP_573490.3</u>
RefSeq Size:	6420 bp
RefSeq ORF:	4176 bp
Locus ID:	170762
UniProt ID:	<u>Q99P88</u>
Cytogenetics:	15 A1
Gene Summary:	Essential component of nuclear pore complex. Could be essential for embryogenesis. Nucleoporins may be involved both in binding and translocating proteins during nucleocytoplasmic transport.[UniProtKB/Swiss-Prot Function]