

## Product datasheet for **MC202303**

### Nup35 (NM\_027091) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nup35 (NM\_027091) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nup35  
**Synonyms:** 35kDa; 2310006I24Rik; 5330402E05Rik; MP44; NO44  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC048814 sequence for NM\_027091  
 GGG AAGCTCATTGCTGGAGTAGGAGCGGCCGTTGCGATGGCAGCGTTTGC GG TGGATCCCCAGGCGCCCA  
 CGTTGGGATCTGAACCAATGATGTTGGGTTCCACTACATCTCCAAGACAGGCGCTAATGCCAGTTCTT  
 GCCTGGATTTTTAATGGGGGATCTACCAGCTCCAGTGACTCCGCAACCTCGATCAATTAGTGGCCCTTCA  
 GTAGGAGTAATGGAAATGAGATCACCTTTACTAGCAGGGGGCTCCCCACCACAGCCAGTTGTCCCTGCTC  
 ATAAAGATAAGAGTGGAGCTCCACTGTGAGAAGTATCTATGATGACATTTCCAGCCCAGGACTTGGATC  
 AACGCCTTTGACTTCAAGAAGACAGGCAAAACATTTTCATTGTTGCAGAGTCCTCTTGTGGAGCTACAAC  
 CCTGTGCCTGGGCAAAGCATGTTTAGTCCAGCAAACATTTGGTCAACCACGAAAGACAACACTATCTCCTG  
 CCCAACTGGATCCTTTTTATACTCAAGGAGATTCTCTGACTTCAGAAGATCACCTAGATGACACTTGGGT  
 GACTGTGTTTGGGTTTCCACAGGCATCTGCTTCTATATATTATTACAGTTTGCACAATATGGGAATATC  
 TTAAGCATGTGATGTCTAACACAGGCAACTGGATGCATATTCGTTACCAATCTAAATTGCAAGCCCGGA  
 AAGCCTTAAGCAAAGACGGGAGAATATTTGGAGAATCCATCATGATTGGTGTCAAGCCATGTATAGATAA  
 AATGTGATGGAACAGTGACAGAGGAGTCTTGTGATCTCCATCTCTAGCCTTTACAACACCCATCAGG  
 ACTTTAGGCACTCCAACACAGTCCGGAAGCACTCCTAGGGTTTCTACCATGAGGCCTCTTGCCACAGCAT  
 ACAAGGCCTCCACTAGTGACTACCAGGTTATTTCTGACAGACAGACACCAAGAAGGATGAGAGCCTTGT  
 GTCAAGAGCGATGGAGTACATGTTTCGGTTGGTAGTACAGCAGGAACTGGACTGAGCCGCTATGCTACAGT  
 AGCAGAGGGCTGCCATGCCATGGGTTAGTTGTATAACCATCCTGGCAGTGTGGGATACCCATCTCGGATA  
 CATCTTTTACAATCCTTTGGTTAAGGAAACAGCCCATCTGTAGCTTGACTTTAAAAGATGGCCGTGATA  
 GACCTGAAGAGAAGATGCCACATGGCATTGTTGCTTCTGTGATGATGATGATGATGATGATGATGATGATG  
 CGCGGACTACTGCGTCAATTAATGATTGAGCTTCAAGTGAGTCTCACTGGCTTTTCATGAGAAGGCGGA  
 TGAATCTCAGAGAGTGAGAGCTGCTTTACCAAGACACAGTGATTATAATTAGCAATTTGAATTATGGTCT  
 TAATTTAGATAGTATTTAATATCTTTGTATATGCTTGTGGATTGTCATCTTATATTCTTTTTAAAAA  
 CCATCTACAACAAATGTTTCCAAATAAACTTTGTCAATTTTTATGTGCTAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_027091



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<b>Insert Size:</b>	978 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">BC048814</a></u> , <u><a href="#">AAH48814</a></u>
<b>RefSeq Size:</b>	1534 bp
<b>RefSeq ORF:</b>	978 bp
<b>Locus ID:</b>	69482
<b>UniProt ID:</b>	<u><a href="#">Q8R4R6</a></u>
<b>Cytogenetics:</b>	2 C3
<b>Gene Summary:</b>	<p>Functions as a component of the nuclear pore complex (NPC). NPC components, collectively referred to as nucleoporins (NUPs), can play the role of both NPC structural components and of docking or interaction partners for transiently associated nuclear transport factors. May play a role in the association of MAD1 with the NPC (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the longer isoform (1).</p>