

Product datasheet for **RN212104**

Nup160 (NM_001107744) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Nup160 (NM_001107744) Rat Untagged Clone

Tag: Tag Free

Symbol: Nup160

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN212104 representing NM_001107744
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGCGGGATCCCTGGAACGGAGCTTCGTGGAGCTGAGCGGAGCTGAACGCGAAAGGCCAGGC
ACTTTCGGGAATTCACAGTGTGCACCTTGGGACTGCAATGCTGCGTTTGGAGCAGTGAAATACAGTGA
GAGCGCAGGAGGCTTCTATTATGTGGAAGTGGCAAGTTATTCTCCATCACCAGAAACAGGTTCAATTCAT
TGGAAGACTTCCGGGGATACATTGGAGCTGGTGGAGGAATCACTGGACTTAAATTTGTTGAATAATGCTG
TTCGCCTAAAATTCCAAAATTACAGCCTTTACCCGGTGGGTTTCATGTCTCTGAGACCCAGAATCATGT
GATAATCTTGATATTAACCAATCATACAGTACACAGATTAATTTTACCACACCCATCCCGTATGTACAGA
AGCGAGCTGGTAACTGAAAGTCAGATGCAATCAATATTTACTGACATTGGAAGTTGATTTCAAAGATC
CTTGCAACTATCAGTTAATTCACAGTGCCTGGACTGTCCCGAGTTCCACCACTTCTGCAGCCTGGCT
TAGCAGTGATGGGGAGGCTCTGTTTGTCTACCGTCTGCTTCTGGTGGCATCTTTGTTCTTAAGCTGCCT
CCTTATGACATACCTGGGATAGCATCAGTTGTGGAAGTGAACAGAGTTCAGTGATGCAGCGTTACTCA
CAGGCTGGATGCCACAGCTATAAGGGGTGACCATGGGCCTTCAGATCGTCCCTGAGTCTTGCTGTTCA
TTGTGTTGAACATGATGCCTTTATTTTGCCTATGTGAGGATCATAAACTACGGATGTGGTCTTATAAG
GACCAAATGTGCCTGATGGTGGCTGATATGCTGGAATATGTCCCTGTAACAAAGACCTTCGGCTCACTG
CAGGAACAGGACATAAGTTACGGCTTGATATTCCTTCATGGGGCTTACCTAGGAATATACATGCA
TGCTCCAAAACGAGGACAGTTCTGCATTTTCCAGTTGGTGAGCACCGAGAGCAGTCGCTATAGTTTATAGT
CACATTTCTTCACTGTTCACTTCTCAGGAGACACTGGTCGATTTTGCCTTAACCTCAACGGATATCTGGG
CCCTGTGGCATGATGCTGAGAACCAACAATTGTGAAATATATCAACTTTGAACATAATGTTGCAGGTCA
GTGGAATCCAGTTTTATGCAGTCTCTACCAGAAGAAGAAATTGTCATCAGAGACGATCAAGACCCAGA
ATTTTCTGCCGGGTACTGAGAGGAAGTGGATCTTTCATGGAGTGAACAAAAAGGAAATTACTTTAG
CTGTTGAAATGAGCTCCAAGGAAGTGAACCGAGTATGAATTTCCCAGGATGAATTTCTGACTTTACA
ACAGGAATTCGGTGCAAGTTCTATGCCTGCTGTCTCCAGTATCAGGAAGCCCTCTCCACCCCTCTTGCT
CTACATTTGAATCCTCTCACAACATGGTGTGCCTTCTGAAGAAAGGGTACCTGTCTTCTCGTGGTCCCAT
CTTCCTTAGTAGATCATTATATCTCCTGCCTGATGAGCACCTTCTGACAGAGGATGAGACGACCATATC



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GGATGATGCAGATGTGGCACGGGATGTCTTATGTCTTATCAAATGCCTCCGGATGATTGGGGAGTCAGTT
 ACCATGGATATGGCAGTTTTGATGGAAACAGTTGTTACAACCTTCAGCTCTCCAGAGAAGGCTGCAGAAC
 ACATTTTGAAGATTTGATCACTATTGATGTAGAAAATGTGATGGAAGACATTTGTAGTAACTGCAAGA
 GATCAGAAACCCCGTCCATGCCATTGGGCTTCTCATACGGGAAATGGATTATGAAACGGAAGTGGAGATG
 GAAAAGGGATTTCGATCCAGCTCAGCCTTTGAATGTTGGAATGAATCTTTCCAGCTCTATGGTAGTAGCA
 CAGCAGGATATATTGTGTGCAGAGGTGTGTATAAAATTGCCAGCACTCGCTTCTGATCTGCCGAGACCT
 CTTGATCTTACAGCAGCTGTTGACAAGACTAGGAGATGCAGTGATCTTAGGAGCTGGTCAGCTCTTTCAA
 GCTCAGCAAGACCTGCTGCATCGCACAGCTCCCTGCTTGTCTTATTACCTCATTAAAGTGGTCAAGTC
 AGTGCTTGGCAACCGATGTCCCAGTTGACACACTGGAGTCTAATCTACAACATTTGTCACTACTGGAAC
 AACTGATTCTGGTGCCTTAATGGCAAATAAATTGGTCTCTAGCCCTCAGACAATTATGGAGTTATTCTTC
 CAAGAAGTTGCAAGAAAACATATTATATCTCATCTCTTCTCTCAGCCCAAAGCCCTCTAAGCCAACTG
 GACTGAATTGGCCTGAAATGTTACTGCAGTTACCGGCTATTTGTTACAGCTTTTATGGCTAGCAATCC
 TGGTTGTCTCTTTCTAGAATGTTTGTGGGAAATTGCCAGTATGTACAATTGCAGGATTACATCCAATA
 CTGCATCCCTGGTGTCAAGTCAATGTTGGATCATGTGCTTTATGCTGGGACGGTGTACCTAGTTACAG
 GAGAAGTACAGAAGGCTCTGGAATGTTTCTGTCAGGCAGCATCGGAAGTGGGCAAGAAGATTCTTAGA
 TCGCTTGATCCGAACAGAGGACGGGAGATCGTGTCACCCCAAGTTGCAGTATTATGATAAGGTTTTTA
 CGTCTGTAGACGTTGTTGGATTGCCTGAGCTGGTTATTCAGCTCGCTACATCAGCAATTACTGAAGCGG
 GTGATGACTGGAAAAGTCAGGCTACTTTAAGAACATGCATTTTCAAACATCATTTGGACTTGGGTCACAA
 TAGCCAAGCATATGAGGCCTTAACCCAAATTCCTGACTCCAGCAGGCAGTTAGACTGTTTGGGCGAGCTG
 GTGGTCGTTCTTTGTGAACGCTCCCAACTGCAGGATCTTGTAGAGTTCCCTATGTGAATCTGCATAATG
 AAGTTGTGGGAATCATTGAGTCGCGTCCAGAGCTGTGGACCTTATGACTCACAATTACTATGAACCTCT
 CTATGCTTTTACATTTACCGCCATAACTACCGAAAAGCTGGTACAGTGATGTTTGAATATGGTATGCGT
 CTTGGCAGAGAGTTTGAAGTCTCGGGGACTTGAGAAGCAAGGCAACTGTTACCTGGCTGCTATTAATT
 GTTTACGGCTTATTGTCAGAGTATGCGTGGATTGTACAGCCAGCCTCTGGGGCAGTGTCTGATCGCCC
 TGGAGCATCTCCTAAGAGGAATCATGATGGCGAGTGCACAGCTGCCCCAACCAATCGGCAGATTGAAATT
 CTAGAATTGGAAGACCTCGAAGAGAGTGTCTTTAGCGCGAATTCGCTCACGTTGGCACGGCATGATC
 CATCAGCAATTGCCATTGCAGGAAGTTCATCAGCAAAGGAGATGAGCACGCTCTTGGTTCAGGCTGGCCT
 CTTTGACACTGCCATATCACTCTGTGAGCTTTTAAGCTTCCATTAAACCCGGTCTTTGAAGGGCTTGCT
 TTCAAGTGCATTAAGTTGCAGTTTGGAGGAGAAGCAGCACAGGAGAAGCCTGGGCTGGCTAGCAGCCA
 ATCAGCTCTCTTCTGTCATCACCACCAAGGAGTCCAGTGCTACAGATGAAGCATGGAGGCTATTATCAAC
 TTAAGTTGGAAGATACAAAGTCCAGAATAAATTGTATCACCAGTGTGTGATTAAACAGTTGTTATCTCAT
 GGAGTTTCTCTGCTAATTGGCTTATAAATAGTTACAAGAAAGTCGATGCTGCTGAGTTGCTTCGCCTTT
 ACCTGAATATGACCTTTTAGAAGAAGCGTGGATTGTTGCTCTGAATATGTAGATGCTGTATTGGGAAA
 AGGACATCAGTACTTTGGAATTGAGTTTCCACTGTGAGCAACAGCCCCGATGGTGTGGCTCCCACTCT
 TCTATTGACCAGCTTCTCCAGGCTCTGGGAGAGAAGCAGTGCCAACAGTCACAACATTATACTGTCCAGA
 AAATTTCTTGACAACTAGAAGACTACCAACAAAAGTCGACAAGGCAACACGAGATTTACTGTACCGCCG
 GGACTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107744

Insert Size:

4140 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:	<u>NM_001107744.1, NP_001101214.1</u>
RefSeq Size:	6389 bp
RefSeq ORF:	4140 bp
Locus ID:	311182
Cytogenetics:	3q24