

## Product datasheet for **SC304265**

### **NUP160 (NM\_015231) Human Untagged Clone**

#### **Product data:**

|                      |                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------|
| Product Type:        | Expression Plasmids                                                                               |
| Product Name:        | NUP160 (NM_015231) Human Untagged Clone                                                           |
| Tag:                 | Tag Free                                                                                          |
| Symbol:              | NUP160                                                                                            |
| Synonyms:            | NPHS19                                                                                            |
| Vector:              | <u>pCMV6 series</u>                                                                               |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_015231, the custom clone sequence may differ by one or more nucleotides |

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ATGCTTCACCTGTCCGACGCTCCGCCGCCACCCCGGAAGTGACGGCGACCGCGCGG
CCCTGCCTTTGTTCCGTTGGGCGTCGCGGCGACGGCGGGAAGATGGCGGCGGCGGAGCC
CTGGAACGGAGCTTCGTGGAGCTAAGCGGAGCTGAGCGCGAAAGGCCGAGGCACTTTCGG
GAATTCACAGTCTGCAGCATTGGGACTGCAAAATGCCGTGGCTGGCGCCGTAATAACAGT
GAAAGCGCGGGAGGCTTTACTACGTGGAGAGTGGCAAGTTGTTCTCCGTAACCAAGAAC
AGGTTTCATTTCATTGGAAGACCTCTGGAGATACATTGGAGCTGATGGAGGAGTCACTGGAC
ATAAATCTGTTGAATAATGCCATTGCGCTAAAATTCCAAAATTGCAGTGTTCCTGGA
GGGGTTTATGTCTCTGAGACTCAGAATCGTGTGATAATCTTGATGTTAACCAATCAACA
GTGCACAGGTTACTTTTACCACACCCCTCCCGGATGTATAGGAGTGAGTTGGTAGTTGAC
AGTCAGATGCAGTCAATATTCAGTACATTGAAAAAGTTGATTCACAGATCCTTGCAAC
TATCAGTTAATTCAGCAGTACCTGGAATATCTCCTAATTCACCGCCTCTACAGCCTGG
CTCAGCAGTGTGGGGAGGCCCTGTTTGCTTACCATTGTGCTTCTGGGGGAATCTTTGTT
CTTAAGCTACCTCCTTATGACATACCTGGTATGGTGTGTCAGTCTGGAACTGAAACAGAGT
TCAGTAATGCAACGATTGCTTACAGGCTGGATGCCAACAGCTATCAGGGGTGACCAGTCG
CCTTCAGATCGTCCCCTCAGTCTTGCTGTTTCATTGTGTGGAGCATGATGCCTTCATCTTT
GCTTTGTGTGAGGATCATAAACTACGAATGTGGTCTTACAAGGAGCAAAATGTGCCTAATG
GTAGCTGACATGCTGGAGTATGTCCTGTGAAGAAAGACCTTCGGCTTACTGCTGGAAC
GGACACAAATTACGGCTTGCTTATTCACCCACCATGGGACTCTACCTGGGGATATACATG
CATGCACAAAACGAGGACAGTTCTGCATTTTCCAGTTGGTGAGCACTGAGAGTAATCGC
TATAGTCTCGATCATATTTCTTCACTGTTCACTTCTCAGGAGACACTGATTGACTTTGCC
TTAACTTCCACGGATATCTGGGCCCTGTGGCATGATGCTGAGAACCAACAGTAGTGAAA
TACATCAACTTTGAACATAATGTTGCAGGTCAGTGAATCCAGTTTTATGCAGCCTCTG
CCAGAGGAAGAGATTGTATCAGAGATGATCAAGACCCAGAGAGATGTATCTGCAAAGT
CTTTTTACACCAGGACAATTACAAATGAAGCTTTATGTAAGGCTTACAGATTTTCTGC
CGAGGAAGTGAAGGAATTTGGATCTTTCTGGAGTGAAGTGAAGAAAGAGTTACTTTA
GCTGTTGAAAATGAGCTTCAAGGAAGTGAACAGAGTATGAATCTCCAGGAGGAGTTT
CGAAATTTACAACAAGAATTCTGGTGCAAGTTCTATGCCTGTTGTCTTCAGTATCAAGAA
GCCCTCTCTCACCTCTTGCCCTACATTTGAATCCACACACAAACATGGTGTGCCTGCTG
AAAAAAGGTACCTGTCTTTCTTATTCCTCATCCTTAGTGGATCATTTGTATCTCCTG

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CCTTATGAGAACCTTTTGACAGAAGATGAGACAACCATATCTGATGATGTGGATATCGCT  
 CGGGATGTCATATGTCTTATAAAATGCCTCCGGCTGATTGAAGAGTCAGTAACTGTGGAT  
 ATGTCAGTTATAATGGAAATGAGTTGTTATAACCTACAGTCTCCGGAAGGCTGCAGAG  
 CAGATTCTGGAAGATATGATCACTATTGATGTAGAAAATGTGATGGAGGATATTTGTAGT  
 AAAGTGAAGAGATTAGGAACCAATCCATGCAATTGGACTACTTATACGGGAAATGGAT  
 TATGAAACAGAAGTGGAAATGGAAAAGGATTCAATCCAGCTCAGCCTTTGAATATTCGA  
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 TCTCAGCCAAAGGCACCTCTGAGCCAACTGGATTGAATTGGCCTGAAATGATTACTGCA  
 ATTACCAGTTATTTATTGCAGCTTTTATGGCCTAGCAATCCTGGTTGTCTTTCTAGAA  
 TGTTTGATGGGAAATGGCAATATGTACAATTGCAGGATTATATTCAACTGCTACATCCC  
 TGGTGCAAGTCAATGTTGGTTCCTGTCGATTTATGCTGGGAAGGTGTTACCTAGTTACA  
 GGAGAAGGACAGAAGGCTCTGGAATGTTTTGTGAGGCAGCATCTGAAGTAGGCAAGAG  
 GAATCTTGATCGCTTGATTGCTCAGAGGATGGGGAGATCGTGTCTACCCCAAGGCTG  
 CAGTATTATGACAAGGTTTTACGACTACTAGATGTCTTGGTTTGCCTGAACTGGTTATT  
 CAGTTGGCTACATCAGCCATAACTGAAGCAGGTGATGACTGGAAGTCAAGGCTACTCTA  
 AGGACATGTATTTCAACATCATTTGGATTGGGTGCAATAGCCAAGCATATGAAGCC  
 TTAACCCAAATTCCTGATTCCAGCAGGCAATTAGATTGTTTACGGCAGTTGGTGGTAGTT  
 CTTTGTGAACGCTCACAGCTACAGGATCTGTAGAGTTTCCCTATGTGAATCTGCATAAT  
 GAGGTTGTGGGAATAATTGAGTCACGTGCTAGAGCTGTGGACCTTATGACTCACAATTAC  
 TATGAACCTCTGTATGCCTTTCACATCTATCGCCACAATTACCGCAAGGCTGGCACAGTG  
 ATGTTTGAGTATGGAATGCGGCTTGGCAGAGAAGTTGCAACTCTCCGGGACTTGAGAAA  
 CAAGGCAACTGTTATCTGGCTGCTCTCAATTGTTTACGACTTATTCGTCCAGAATATGCG  
 TGGATTGTGCAGCCAGTGTCTGGTGCAGTGTATGATCGCCCTGGAGCATCCCCTAAGAGG  
 AATCATGATGGAGAATGCACAGCTGCCCCACAAATCGACAAATTGAAATCCTGGAAGT  
 GAAGATCTGGAGAAAGAGTGTTCTTGGCTCGCATCCGCCTCACTTTGGCTCAGCATGAT  
 CCATCAGCGGTTGCAATTGCTGGAAGTTATCAGCAGAGGAAATGGTCACTCTCTTGGTT  
 CAGGCGGGCCTCTTTGACACTGCCATATCACTCTGTGAGACTTTTAAGCTTCCCTTAACG  
 CAGTCTTTGAAGGGCTTGCCTTCAATGCATCAAATTGCAATTTGGAGGAGAGGAGCA  
 CAAGCAGAAGCCTGGGCTGGCTAGCAGCAATCAGCTCTCATCTGTCATCACTACTAAG  
 GAGTCTAGTGCTACAGATGAAGCATGGCGACTATTATCCACTTACCTGGAGAGGTACAAA  
 GTCCAGAATAACTTGTATCACCCTGTGTAATCAACAAGCTCTTGTCTCATGGAGTGCCT  
 CTGCCTAATTGGCTTATAACAGTTACAAGAAGTTGATGCTGCTGAATTGCTTCGTTTA  
 TACTTAACTATGACCTTTTGAAGAAGCTGTGGATTTGGTGTGAGAATATGTGGATGCT  
 GTATTGGGAAAAGGACATCAATACTTCGGAATTGAGTTTCCACTGTCCGAACAGCCCCA  
 ATGGTGTGGCTTCCATACTCCTCTATTGATCAGCTTCTCCAAGCTCTGGGAGAGAACAGT  
 GCCAACAGTCACAACATCGCACTGTCCAGAAAATACTTGACAAATTGGAGGACTACCAG  
 CAAAAAGTTGATAAGGCAACACGGGATTATTATATCGTCGGACCTTGTGA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_015231

**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).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Annotation:</b>        | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.                                                                                                                                                                                                                                                      |
| <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="#">NM_015231.1</a></u> , <u><a href="#">NP_056046.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 5383 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 4311 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 23279                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q12769</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 11p11.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Summary:</b>          | <p>NUP160 is 1 of up to 60 proteins that make up the 120-MD nuclear pore complex, which mediates nucleoplasmic transport.[supplied by OMIM, Apr 2004]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>                                                                                                                                                                                                                                                                                   |