

## Product datasheet for **SC331158**

### **NUP62 (NM\_001193357) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NUP62 (NM\_001193357) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NUP62  
**Synonyms:** IBSN; p62; SNDI  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331158 representing NM\_001193357.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGCGGGTTAATTTGGAGGCACTGGGGCCCTACAGGCGGGTTCACGTTTGGCACTGCAAAGACG
GCAACAACCACACCTGCTACAGGTTTTCTTCTCCACCTCTGGCACTGGAGGGTTAATTTGGGGCT
CCCTTCCAACCAGCCACAAGTACCCCTTCCACCGGCTGTTCTCACTTGCACCCAGACTCCGGCCACA
CAGACGACAGGCTTCACTTTTGAACAGCGACTTTGCTTCGGGGGAACTGGATTTTCTTGGGGATC
GGTGCTTCAAAGCTCACTTGAACAACACAGCTGCCACCCAGCCATGGCAAACCCAGCGGCTTTGGG
CTGGGCAGCAGCAACCTACTAATGCCATATCGAGCACCGTCACCTCCAGCCAGGGCACAGCACCCACC
GGCTTTGTGTTTGGCCCTCCACCACCTCTGTGGCTCCAGCTACCACATCTGGAGGCTTCTATTCACT
GGTGAAGCACGGCCCAACCCCTCCGGTTTCAACATTGGCTCAGCAGGGAATTCAGCCAGCCACGGCA
CCTGCCACGTTGCCCTTCACTCCGGCCACGCCAGCAGCCACCACAGCAGGTGCCACACAGCCAGTGCT
CCCACACCCACAGCCACCATCACCAGCACTGGGCCAGCCTCTTTCGCTCAATAGCAACTGCTCCAACC
TCATCTGCCACCACTGGACTCTCCCTCTGTACCCTGTGACCACAGCGGGCGCCCCACTGCTGGGACA
CAGGGCTTCAGCTTAAAGGCACCTGGAGCAGCTCCGGCACCTCCACAACAACATCCACCCTGCCACC
GCCACCGCCACCACCACCAGCAGCAGCAGCACCACCGGCTTGCCTTGAATTTAAAACCACTGGCGCCA
GCCGGATCCCCAGCAATACAGCAGCTGCCGTGACCGCTCCACCTGGCCCTGGCGCAGTGCAGGGGCG
GCTGCCAGCTCCGCCATGACCTACGCGCAGCTGGAGAGCCTGATCAACAATGGAGCCTGGAGCTAGAG
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GGAGAAAAGATCACCAGCCTGCACCGCAGGTTGGAGAAGGTGAAGCTGGACCAGAAGAGGCTGGACCAG
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AAGGAGCAGAGCGGGACCATCTACTGCAGCACGCGGATGAGGAGCGTGAGAAAACCTACAAGCTGGCT
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TCCGGGGCCCCCGGACACCAGTGACCCACTGCAGCAGATCTGCAAGATCCTCAATGCGCATGGAC
TCACTGCAGTGGATCGACCAGAACTCGGCCCTGCTGCAGAGGAAGGTGGAGGAGGTGACCAAGGTGTC
GAGGGCCGGCGCAAGGAGCAGGAGCGCAGCTTCCGGATCACCTTTGACTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001193357  
**Insert Size:** 1569 bp



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<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="#">NM_001193357.1</a></u>
<b>RefSeq Size:</b>	3200 bp
<b>RefSeq ORF:</b>	1569 bp
<b>Locus ID:</b>	23636
<b>UniProt ID:</b>	<u><a href="#">P37198</a></u>
<b>Cytogenetics:</b>	19q13.33
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	53.3 kDa
<b>Gene Summary:</b>	<p>The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR compared to variant 1. All variants encode the same protein.</p>