

## Product datasheet for **SC112188**

### **SNRNP25 (NM\_024571) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SNRNP25 (NM_024571) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNRNP25
Synonyms:	C16orf33
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112188 sequence for NM_024571 edited (data generated by NextGen Sequencing)

```
ATGGACGTGTTCCAGGAGGGTCTGGCTATGGTGGTGCAGGACCCGCTGCTCTGCGATCTG
CCGATCCAGGTTACTCTGGAAGAAGTCAACTCCCAAATAGCCCTAGAATACGGCCAGGCA
ATGACGGTCCGAGTGTGCAAGATGGATGGAGAAGTAATGCCCGTGGTTGTAGTGCAGAGT
GCCACAGTCTGGACCTGAAGAAGGCCATCCAGAGATACGTGCAGCTCAAGCAGGAGCGT
GAAGGGGGCATTACGACATCAGCTGGTCTACGTGTGGAGGACGTACCATCTGACCTCT
GCAGGAGAGAACTCACGGAAGACAGAAAGAAGCTCCGAGACTACGGCATCCGGAATCGA
GACGAGGTTTCCTTCATCAAAAAGCTGAGGCAAAAGTGA
```

Clone variation with respect to NM\_024571.3



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_024571 unedited CGCCCCTCACGCCGATTGTGNAATACGATTCCACTATAGGGCGGCCGGCGATTCCGGCACC AGGGCGGGCTGGCAGTGCGGGCAGAGCCCGGCTGAGAGGGCGGCCCTGGAGGAGACGGA GGCCGCGGGTGGGCCCGAGGGCGCAAGAGGAAGATGAGGACGAAGAAGAGGCGCTGCCGCA CTCCGAGGCCATGGACGTGTTCCAGGAGGTCTGGCTATGGTGGTGCAGGACCCGCTGCT CTGGCATCTGCCGATCCAGGTTACTCTGGAAGAAGTCAACTCCCAAATAGCCCTAGAATA CGGCCAGGCAATGACGGTCCGAGTGTGCAAGATGGATGGAGAAGTAATGCCCGTGGTTGT AGTGCAGAGTGCCACAGTCTGGACCTGAAGAAGGCCATCCAGAGATACGTGCAGCTCAA GCAGGAGCGTGAAGGGGCATTACGACATCAGCTGGTCTACGTGTGGAGGACGTACCA TCTGACCTCTGCAGGAGAGAACTCACGGAAGACAGAAAGAAGCTCCGAGACTACGGCAT CCGGAATCGAGACGAGGTTTCTTCATCAAAAAGCTGAGGCAAAAGTGAGCCTCCAGACA GGACAACCCTCTTCATCACTGGTGGCTGAGCTTTTTCCAGCAGGAATGGGTCTCTGAAT CATCGTGCCTCTTTCACAGAAAGGACGTTGTGGTGGCCTACCCAGCATGCCAACAGA ACTGTCAGCATAAACCTGGGGCCCTCACGACTAGGACAGGTGAGCCAGTGCTCCCTCC TTTCTGTACTCGCCTGAGACTGACCTCTCCCTTAGTCCACATGCCCTAGTCACATGGCA GACCCACGGCCTGGCCACTGTATAAAATAAACCTGTTTGCTTCTAGTTTG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_024571
<b>Insert Size:</b>	1140 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>	<a href="#">NM_024571.2</a> , <a href="#">NP_078847.1</a>
<b>RefSeq Size:</b>	1695 bp
<b>RefSeq ORF:</b>	399 bp
<b>Locus ID:</b>	79622
<b>UniProt ID:</b>	<a href="#">Q9BV90</a>
<b>Cytogenetics:</b>	16p13.3
<b>Protein Families:</b>	Druggable Genome

**Gene Summary:**

Two types of spliceosomes catalyze splicing of pre-mRNAs. The major U2-type spliceosome is found in all eukaryotes and removes U2-type introns, which represent more than 99% of pre-mRNA introns. The minor U12-type spliceosome is found in some eukaryotes and removes U12-type introns, which are rare and have distinct splice consensus signals. The U12-type spliceosome consists of several small nuclear RNAs and associated proteins. This gene encodes a 25K protein that is a component of the U12-type spliceosome. [provided by RefSeq, Apr 2010]