

## Product datasheet for **SC115630**

### TUSC2 (NM\_007275) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TUSC2 (NM_007275) Human Untagged Clone
Tag:	Tag Free
Symbol:	TUSC2
Synonyms:	C3orf11; FUS1; PAP; PDAP2
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 SC115630 sequence for NM_007275 edited (data generated by NextGen Sequencing) ATGGGCGCCAGCGGGTCCAAGCTCGGGGCCTGTGGCCCTTCGCCTCGGCGGCCGGAGGC GGCGGCTCAGAGGCAGCAGGAGCTGAGCAAGCTTTGGTGCGGCCTCGGGGCCGAGCTGTG CCCCCTTCGTATTCACGCGCCGCGCTCTATGTTCTATGATGAGGATGGGGATCTGGCT CACGAGTTCTATGAGGAGACAATCGTCACCAAGAACGGGCAGAAGCGGGCCAAGCTGAGG CGAGTGCATAAGAATCTGATTCCTCAGGGCATCGTGAAGCTGGATCACCCCGCATCCAC GTGGATTCCTGTGATCCTCTATGAGGTGTA

Clone variation with respect to NM\_007275.1



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_007275 unedited</p> <pre>AAGCTTAGGATTTTGTAAACCGACTTCATATAGNNGGCGGCCGCGCAATTCGGCAGAGGG GCGGCACCTGCGATCAGCGGCTGGGGCAGGTTATGGTAGTGCGGACTGCGGTGTGAGCAG AGCGGCCACGGGGCCCGCCATGCGCCGGCGGCCCTGACATGGGCGCCAGCGGGTCCAAAG CTCGGGGCTGTGGCCCTTCGCCTCGGCGGCGGAGGCGGCGGCTCAGAGGCAGCAGGAG CTGAGCAAGCTTTGGTGGCCCTCGGGGCCGAGCTGTGCCCCCTTCGTATTCACGCGCC GCGGCTCTATGTTCTATGATGAGGATGGGGATCTGGCTCACGAGTTCTATGAGGAGACAA TCGTACCAAGAACGGGCAAGAGCGGGCAAGCTGAGGCGAGTGATAAGAATCTGATTC CTCAGGGCATCGTGAAGCTGGATCACCCCGCATCCACGTGGATTTCCCTGTGATCCTCT ATGAGGTGTGACCCTGGGAGGTGGCAGACAGAAGCACCCCTGCCCGGCAAGAACTCC CAGGCTCAATCAAGGTGTGGCTTCCATTGAGGAGCCAGGCTGGGGCCACAACCTGAAT AAACTCTGTTGGCCATAACCTTCAGCTGTGAGCGGGTGGTCCCACAGTATTGGTTGGG TGTTGGTTTGTGTGGACAAGAGTGGTGTGGGGGGGAAAAAGCCAAATGCAAAATTAG NANCCACTCTCCAAGCCACCCTGGCAGCAGCACAGCGGCATATACCAGTCAGGAAT GCCCGTTACCTGGTTCCCTGGCTGTGCTTTCTCCAGTTTGCCTGGGGCCTAGCCCT GCTAGAAGCTACAGCACTTTACAAGCAGGTATGCTTTCTCCAGCCCCCTAGCTGTGGGG ACTGTATACAAGTAG</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_007275 unedited</p> <pre>GCTTACTTGGACCCGGCCGCTTTCNANGATCGNGTTTTTTTTTTTTTTTTTGCAGGATC TACAAATCATTTTATTGAAATTAACAAAATAACACAACAGTCTTCCTAAGCTAGGGGCCA TCCTCCCCAAGCCATTTCCACATTATAGAAGCACAGAGCTTGACAGTACTTAAAAAAA AAGTCACCTCTATATAGAAATCAGACTCTGCCACGACATCATCATGGACTATTTACAAAC CTTCACATTATAAGTATTCCTTTTATGGTTTTTCCCTCCTTTCTTCCCTACCCAGGGGT TCTAGTGCTTTCCTTGACTGATCCTGAAGGGGTGGGGTACTGTAAGGGAGGGGGTGG TAGGCTACTCATAACTACTGGCACCAGCCTTAGGGTGTGTCCTTACCACAAGTGGTG AACAGTCCCCTCCAATTGGAGGGGTGGAGGATTTGGTGCAAAGCCATGGAGATTAGACA GAATAGGTGGGTGGAGCAACTCCCATAGGCACAAGCATCCGACGCTGTCTGACCCC AGCCTGCACTCTCTCAACTCCTCAACTGGGGTTCGGGGTGGGGGCAACAGTTAGTTG CAGTAGGGGATCAGCCCAGCCCTGGGTAGAGGGAGAAGCCCCACCCAGTCCCCACTCC TATCAATAGCCAGCAAACGTGCCATCCATCTGAAGGCGGGAACCAATGGCAGGTAGGTCG GAAGAATCAGGCTGGCACTGCCCCACCTCTGTCCAACACAGGAGAATCGAGGCAGCAAA CGCTGAAATGCTCTGACTAGGGTTAAAAAGGAAAGCGAAGAAAGGAATTCTCACTGG ATACAGGGCCCCAAGGCTAAGGGCCGAAAAAACCTAACCTTGTTTGAAAGCGCTGC</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_007275
<b>Insert Size:</b>	1770 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).

**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:** [NM\\_007275.1](#), [NP\\_009206.1](#)

**RefSeq Size:** 1691 bp

**RefSeq ORF:** 333 bp

**Locus ID:** 11334

**UniProt ID:** [O75896](#)

**Cytogenetics:** 3p21.31

**Protein Families:** Druggable Genome

**Gene Summary:** This gene is a highly conserved lung cancer candidate gene. No other information about this gene is currently available. [provided by RefSeq, Jul 2008]