

## Product datasheet for **SC323125**

### **INSYN2B (NM\_001129891) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	INSYN2B (NM_001129891) Human Untagged Clone
Tag:	Tag Free
Symbol:	INSYN2B
Synonyms:	C5orf57; FAM196B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC323125 representing NM\_001129891.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCCAGCAAAATATGAAAGTGAGACCTGTGCTTCTAAAGCGTAACAGTCTAGAATCAGTGGAGTTT
GTGAAACAACCTCACACCGCAGGAGCAAAATCCAGCAGGTGAGATTCAAGGAAGATGGGACCCTAAG
AATCCAACCTGGCCTAGCTGAGGTTGACGTCCAACTCCAGAAGACCCGGCTGTGATGGGGAAGACTCAA
GCAACCAGGCACCATCTTCCCCCAGTCTCGCTCTCCTTCCCCAGGTCCAGAAAGGCAGGGGGCTTT
CGCAACATTGCAATCCAACTTCCCCAGTCTCAGGAAGCATTTCAGTTTTCAAAGGAAGAGACTC
ACAGCCAGTAAGTCCCTGGTGGAAATGCCAACAGCCTCCAAAGTGCCATCCAGGTCAACGGTAACCTC
TCTGAACAGGACATTGTGCTTCTGACCTTGCTACTTAAGTTGGCTCAGCATCTTGAGGATGGCCT
CGAAGGGTCAAGGTGCCATGCATTCTCCAAAGGTCCCAAGGTGCAAAGCAATGGTCTGTAGC
ATATGCTTGAAGCAGGAACCTGGAGGTCCTTAGAGAAAGCCACAGCTGCCATTCAGTTCCAGATGAT
ATTTATCACAGTCTTCTGGGAAGCTAGAGAGTCTGCTCTCAGCCAGACAGGTGAGTGAAGTAAGT
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AAATCCACCTCCTGCTTAAATGCCACCAGCGTTGCCAGCCACACACCAGGCACAGAGGAACCTAAACCT
GAATTGCTTTTGGCCAAAGACAACCTCAGATGACAAAGACCTTGGCTCACTGTCTCAGTCAAAGGAA
ACGTGTGTTCTTCATCTCCACGGACTCACAGTCCCCCTCACAAGGCTCCCACAGCCAGCCAGCCAC
CCAGGAAGAGCCTCAGACTGTCTTCATCAAGTAAACAACACCAGAATCTGGTGTCACTCAAACCTAAC
AGTGCATCGAAATCTGCCCTGGGTGTCAGGAGCAGACGGCAACAACCCACCGAGTCAGACACACTG
GAGTTTCCAAATGTCCAGGAAGTAATCATCTCCATCTCTCTTTCAAGGAGTGAGACCAAACTCAG
AGCAACAGGGGAGATTAGTGACATTAATCAAATTCACCTGGCAGGGGTGAACTCTGCGACCTCAAGGC
CGACTGCAATCTGTGGAGGAATCTGCACTCGAACCAAGAGAAAATTAAGTCTTTTGAATGTAATT
CAAGACTTGAGAAAGCTCGAGCTCACTGAAGGGCGCAACTTTTATCGAACTGGCCAAGATCTCAAC
AATTGCAGTACCTGCCAGAACACGGCGTCATCATATACAGTGTAGAGTATGATTTTCGGCAGCAGGAA
GGCAGGTTCCATGAAGTTTTCAGAGTCTGGAGGAAGCAGAGCCAGTTGAGGAGGCATCGCCCCACCA
AAGTCCCAGCAGAACCCCGCCGAAAAGCAGGACTTAAGGCGAAAACCAAGAAGGTGAAAAAG
AAATGCTTCTGGTGGATCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001129891

**Insert Size:** 1608 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).

**OTI Annotation:** 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.

**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:** [NM\\_001129891.1](#)

**RefSeq Size:** 3548 bp

**RefSeq ORF:** 1608 bp

**Locus ID:** 100131897

**UniProt ID:** [A6NMK8](#)

**Cytogenetics:** 5q35.1

**MW:** 59.2 kDa