

## Product datasheet for **SC211782**

### STAU2 (NM\_001164382) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** STAU2 (NM\_001164382) Human 3' UTR Clone  
**Symbol:** STAU2  
**Synonyms:** 39K2; 39K3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_001164382  
**Insert Size:** 1033 bp

**Insert Sequence:** >SC211782 3'UTR clone of NM\_001164382  
 The sequence shown below is from the reference sequence of NM\_001164382. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACTGCAAGAAATCAAACCTCGGCCGTCTAGCAGCTCCCAGAACCCCGGGCTGCCACCGCATCCTTATAA
ACCTGTCAGCACGCATGAGGGTGTCTGTGTTCCAGGAAATGAATGACTAATACCATTATTTGAGTCTTA
TGTGAAGACAACACTATTCTAACACGAGAGATAATATACATGGTACTGTTTATTCAACTGGGAAAAAT
AAAACCTTTGAGCATTTCCTTGGAACTCGAGATCAGATCATAACTCATTTCCTAGAGGCAGCAGAAAT
CTGATCCTGCTACTGGAGCTTAAATAACAAGTAAAGAAAAGTGTAGAAACAAAGCTAAAAATTTAAC
ATGATTAATAATAGAGAAGTTGGGTTTGGTTCTGTTGTTATGATTGTTTTGTCGTGGTGCTTGTGTTCA
GTTATATTCTCTCTCTCTCATTTCAAATACTGCTTGACAATTCGAAAAATGAACCAATGATGTGCTGT
GGAATGTGATGGTTGTCTTCATATAGAGTCACATGGTTTCTTTTTATGCAGATATTTATAATCTTCA
TCCTATATCAGTAGGAATAACTATAAGGTGCACTACAAAAAGATGATGCAAAACAAACATGTTTTAAAT
CAGGTCAGATATCTGATGAAAAATACGAACATAATGTTAAGAGCAAGTAGTTTCAACATACTCCAGGAAC
TGAGAAACAAAAACAAAGCAATTTGGGTTTTGAGCTCCATATACTTTAGCAAGTAAGGGGGCGTCTTG
CCCCTATATCATCTTCCCGGATTCCTACTCCCTGTTGTGGGAATCGCGCCACCCCATCCGTGTGTT
GTAGCCACTCACGGTTTGCATCAAGAGTGTTTTTGTAAGTGCCTCTGGACTTGGGACAGTGAGTAGGA
TCAAAAAATAAATAATGTACATGACGGGGAAGGGAAAAACCTGTTGGAGTTGCTTCCAGCCAGCCAGCT
CCGGGCCAGCATGTTGGAATCCAGCGTGGAGCAGATGCAGTAAAAATGTGGTTGGTTTCTGTGTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001164382.2</a>
<b>Summary:</b>	Staufen homolog 2 is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. Staufen homolog 2 shares 48.5% and 59.9% similarity with drosophila and human staufen, respectively. The exact function of Staufen homolog 2 is not known, but since it contains 3 copies of conserved dsRNA binding domain, it could be involved in double-stranded RNA binding events. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]
<b>Locus ID:</b>	27067
<b>MW:</b>	38.4