

## Product datasheet for **SC126115**

### STAP2 (NM\_001013841) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** STAP2 (NM\_001013841) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** STAP2  
**Synonyms:** BKS  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001013841 edited  
GGGGCACCCACTGGAAGGAGAGGCCAGGCCGGAAGACCCTGGCTCCGTCATGGCCTCTGCC  
CTGAGGCCACCCCGTGTCCCAAGCCTAAGGGTGTCTGCCTTCACACTACTATGAGAGC  
TTTCTAGAGAAGAAGGGGCCCTGTGACCGGATTACAAGAAGTTCTGGGCAGGCCTGCAG  
GGTCTCACATTTATTTCTACAATAGCAATCGGGACTTCCAGCACGTGGAGAAGCTCAAC  
TTGGGAGCATTTGAGAACTCACAGATGAGATTCCTGGGGAAGCTCACGTGACCCTGGC  
ACCCACTTCAGCCTGATTCTCCGGAATCAGGAGATCAAGTTCAAGGTAGAGACCTTGGAG  
TGTCCGGAAATGTGAAAGGCTTCATCTTAACGGTGGTGGAGCTCCGTGTCCCGACCGAC  
TTGACCCTGCTTCTGGGCACCTATACATGATGTCTGAAGTCTTGGCCAAAGAGGAGGCG  
CGCCGTGCACTGGAGACACCCTCGTGCTTCTGAAGGTGAGCCGGCTGGAGGCACAACCTG  
CTCCTGGAGCGCTACCCCGAGTGCGGGAACCTGCTGCTGCGGCCAGCGGGACGGCGCC  
GACGGCGTGTCCGTCACACGCGGCAGATGCACAACGGGACGCACGTGGTCCGGCATTAC  
AAGGTGAAGCGGGAGGGCCCAAGTACGTGATCGATGTGGAACAGCCGTTCTCTTGACCC  
TCCTGGACGCCGTGGTCAACTATTTCTGTGTCGATACCAAAAAGGGCGCTGGTGCCATTC  
CTGTTAGACGAGGACTACGAGAAGGTGCTAGGCTACGTGGAAGCCGATAAGGAGAATGGC  
GAGAATGTGTGGTGGCGCCCTCCGCTCCGGGCCAGGTCTGCACCCTGCACAGGTGGC  
CCCAAGCCGCTGTACCTGCGTCTAGCCAGGACAAGCTGCCCCACTGCCCCACTACCG  
AACCAGGAAGAGAAGTACGTGACCCCAATTGGAGATGGCCAGCTGTTGACTATGAGAAC  
CAAGATGTGGCTTCTCTAGTTGGCCAGTCATCCTGAAGCCAAAGAAGTTGCCAAAGCCT  
CCTGCCAAGCTTCCAAAGCCACCCGTTGGACCCAAGCCAGAGCCAAAGTCTTTAATGGT  
GGCTTGGGCAGGAAGCTGCCAGTCAGTTAGCCAGCCAGCCTCTCTTCCACAGCCGGGCTG  
GCAGACATGACGGCAGAGCTACAGAAGAAGCTGGAGAAGAGGGCGGCACTGGAGCACTGA  
TTCGGACACACCAGGGACCAGCGGGCTAGTCCCAGGGCATGGCCAGCGGCCAGATTCTT  
TTTCCAGGATTAATACTCTGACCCAGGAAAAAAAAAAAAAAAAAAAAA



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_001013841 unedited ACAGATTTTGTAAATACGACTTTACTATAGGCGGCCGCGNATTCAAATCTGGTACCGGTCC GGAATTCCTGGGATATCGTCGACCCACGCGTCCGGGGCACCCTGGAAGGAGAGGCCA GGCGGAAGACCCTGGCTCCGTATGGCCTCTGCCCTGAGGCCACCCCGTGTCCCAAGCC TAAGGGTGTCTGCCTTCACACTACTATGAGAGCTTTCTAGAGAAGAAGGGCCCTGTGA CCGGGATTACAAGAAGTCTGGGCAGGCCTGCAGGTCTCACCATTATTTCTACAATAG CAATCGGACTTCCAGCACGTGGAGAAGCTCAACTTGGGAGCATTGAGAACTCACAGA TGAGATTCCTGGGAAGCTCACGTGACCCTGGCACCCACTTCAGCCTGATTCTCCGGAA TCAGGAGATCAAGTTCAAGGTAGAGACCTTGGAGTGTCCGGAAATGTGGAAAGGCTTCAT CTTAACGGTGGTGGAGCTCCGTGTCCCGACCGACTTGACCCTGCTTCTGGGCACCTATA CATGATGTCTGAAGTCTTGGCCAAAGAGGAGGCGCGCGTGCCTGGAGACACCCTCGTG CTTCTGAAGGTGAGCCGGTGGAGGCACAAGTCTCTGGAGCGCTACCCGAGTGC GG GAACCTGTGCTGCGGCCAGCGGGGACGGCGCCGACGGCGTGTCCGTACAGCGCGGCA GATGCCAACGGGACGCACGTGGTCCGGCATTACAAGTGAAGCGGAAGCCCAAGTACG TGATCGATGTGGAACAGCCGTTCTTTGCACCTTCTGGACCCGGTGGCCAACTTTTCGG TGCAATCCAAAAGCGCTGGTGCATTCTGTTAAACAGGCTCCAAAAGGCTGGCTACC TGGAACCTTAAGGAAAGGCAAAATTTTGGTTGGCCCC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001013841
<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_001013841.1</a></u> , <u><a href="#">NP_001013863.1</a></u>
<b>RefSeq Size:</b>	1419 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	55620
<b>UniProt ID:</b>	<u><a href="#">Q9UGK3</a></u>
<b>Cytogenetics:</b>	19p13.3

**Gene Summary:**

This gene encodes the substrate of breast tumor kinase, an Src-type non-receptor tyrosine kinase. The encoded protein possesses domains and several tyrosine phosphorylation sites characteristic of adaptor proteins that mediate the interactions linking proteins involved in signal transduction pathways. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, compared to variant 1, resulting in a shorter protein (isoform 2).