

## Product datasheet for **SC329040**

### STRBP (NM\_001171137) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	STRBP (NM_001171137) Human Untagged Clone
Tag:	Tag Free
Symbol:	STRBP
Synonyms:	HEL162; ILF3L; p74; SPNR
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001171137, the custom clone sequence may differ by one or more nucleotides

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ATGGTGAAACATTCAACAATCTATCCATCTCCGGAGGAACCTGAAGCTGTTCAGAATATG
GTATCTACTGTTGAATGTGCTCTTAAACATGTCTCAGATTGGTTGGATGAAACAAATAAA
GGCACAAAACAGAGGGTGAGACAGAAGTGAAGAAAGATGAGGCCGAGAAAACTATTCC
AAGGATCAAGGTGGTCCGACATTGTGTGGTGAATGAGGATTGGCCTGGTTGCAAAAGGC
TTGCTGATTAAGATGATATGGACTTGGAGCTGGTTTTAATGTGCAAAGACAAACCCACA
GAGACCCTGTTAAATACAGTCAAAGATAATCTTCTATTTCAGATTACAGAACTCACAGAA
GAGAAATATCAAGTGGAACAATGTGTAATGAGGCATCTATTATAATTCCGAATACAAAA
GAGCCCACGCTAACTTTGAAGGTGATACTTACCTCACCTCTAATTAGGGACGAATTGGAG
AAGAAGGATGGAGAAAATGTTTCGATGAAAGATCCTCCGGACTTATTGGACAGGCAGAAA
TGCCTGAACGCCTTGGCGTCTCTTCGACATGCCAAATGGTTTCAGGCAAGGGCAAATGGA
TAAAAATCATGTGAATTGTCTCCGCATTCTGCGTGATTTGTGCAACAGAGTCCCACA
TGGGCACCATTGAAAGGATGGCCACTAGAATTATATGTGAAAAGTCTATAGGTACTTGT
AATAGACCTTTGGGCGCTGGGGAGCCCTTGAGACGAGTAAAGTGGAGTGGTGGCATCTGGA
ATACTACTTCTGGGGTCTGGTCTTCATGATCCTTGTGAGCGAGACCCAAACAGATGCT
CTGAGCTATATGACCATCCAGCAAAAAGAAGATATTACCCACAGTGCACAGCATGCACTC
AGACTATCAGCCTTTGGCCAGATTTACAAAGTGTGGAGATGGACCCCTTCCATCTAGT
AAGCCTTTTCAGAAGTATTCCTGGTCAGTACTGATAAAGAAGGTGCTGGGTCTTCAGCT
CTAAAGAGGCCATTTGAAGATGGATTAGGGGATGATAAAGACCCCAACAAGAAGTGAAA
CGAAACTTAAGGAAAATCTGGATAGTAAAGCAATAGACCTTATGAATGCACTAATGAGG
CTAAATCAGATCAGGCCCTGGGCTTCAGTATAAGCTCCTATCTCAGTCTGGCCCCGTTTCAT
GCCCCAGTCTTCACAATGTCTGTAGATGTGGATGGCACAACATATGAAGCCTCAGGACCA
TCCAAGAAAACAGCAAAAACCTTACGTAGCGGTGAAGGATTGCAGGCAATGGGATATCCA
ACAGGCTTTGATGCAGATATTGAATGTATGAGTCCGATGAAAAATCAGATAATGAAAGT
AAAAATGAAACAGTGTCTTCAAACCTCAAGCAATAATACTGAAAATTCTACAACCTGAAACC
TCCAGTACCTTAGAGGTAAGAAGTCAAGGCCCTATCCTCACAGCAAGTGGCAAAAACCTT
GTAATGGAGCTCAATGAAAAAGAAGAGGTCTCAAGTATGAACTCATCTCAGAGACTGGT
GGAAGCCATGACAAGCGCTTTGTAATGGAGGTAGAAGTAGATGGACAGAAATTCAGAGGC
GCAGGTCAAATAAAGAAAGTGGCAAAGGCGAGTGCAGCTTTAGCTGCCTTGGAGAAACTG
TTTTCTGGACCAATGCGGCAAATAATAAGAAAAAGAAGATTATCCCTCAGGCAAAGGGC
GTTGTGAATACAGCTGTGTCTGCAGCAGTCCAAGCTGTTCCGGGGCAGAGGAAGAGGAACT
CTAACAAAGGGGAGCTTTTGTGGGGCGACAGCTGCTCCTGGCTACATAGCTCCAGGCTAT
GGAACACCATATGGTTACAGCACAGCTGCCCTGCCTATGGTTTACCCAAGAGAATGGTT
CTGTTACCCGTTATGAAATTTCCAACATATCCTGTTCCCCACTACTATTCTTTTAG

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001171137

**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).

<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_001171137.1</a> , <a href="#">NP_001164608.1</a>
<b>RefSeq Size:</b>	6409 bp
<b>RefSeq ORF:</b>	1977 bp
<b>Locus ID:</b>	55342
<b>UniProt ID:</b>	<a href="#">Q96SI9</a>
<b>Cytogenetics:</b>	9q33.3
<b>Protein Families:</b>	Stem cell - Pluripotency
<b>Gene Summary:</b>	<p>Involved in spermatogenesis and sperm function. Plays a role in regulation of cell growth. Binds to double-stranded DNA and RNA. Binds most efficiently to poly(I:C) RNA than to poly(dI:dC) DNA. Binds also to single-stranded poly(G) RNA. Binds non-specifically to the mRNA PRM1 3' UTR and adenovirus VA RNA (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' UTR but has a downstream additional exon, which results in a downstream in-frame AUG start codon, as compared to variant 1. The resulting isoform (2) is shorter than isoform 1 at the N-terminus. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>