

## Product datasheet for **SC113483**

### STRBP (NM\_018387) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	STRBP (NM_018387) Human Untagged Clone
Tag:	Tag Free
Symbol:	STRBP
Synonyms:	HEL162; ILF3L; p74; SPNR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_018387
Insert Size:	2019 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).
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:	<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>
RefSeq:	<u><a href="#">NM_018387.1</a></u>
RefSeq Size:	6426 bp
RefSeq ORF:	2019 bp


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<b>Locus ID:</b>	55342
<b>UniProt ID:</b>	<a href="#">Q96SI9</a>
<b>Cytogenetics:</b>	9q33.3
<b>Domains:</b>	DSRM, DZF
<b>Protein Families:</b>	Stem cell - Pluripotency
<b>MW:</b>	73.7 kDa
<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 (1) encodes the longer isoform (1). 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>