

## Product datasheet for **SC322841**

### **BSPH1 (NM\_001128326) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BSPH1 (NM_001128326) Human Untagged Clone
Tag:	Tag Free
Symbol:	BSPH1
Synonyms:	BSP1; ELSPBP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322841 representing NM_001128326. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCTGCTG  
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**  
ATGGGCTCCCTGATGCTTCTCTTCGTGGAACGACGCGAAATTCCTCAGCTTGCATCTTCCCTGTTATT  
TTAAATGAATTATCATCAACTGTGGAACTATAACTCATTTTCCAGAAGTTACAGATGGGGAGTGTGTC  
TTTCCATTCCACTATAAAATGGAACATATTATGACTGCATCAAGTCCAAGGCAAGACACAAGTGGTGC  
TCGTTAAACAAGACCTACGAAGGATACTGGAAGTTTGCAGTGCAGAAGATTTTGCAAAGTGTATTT  
CCCTTCTGGTACAGACGCTTATCTACTGGGAGTGTACTGATGATGGGGAAGCATTGGGAAAAAATGG  
TGTTCACTGACCAAGAATTTTAAACAAGGACCGAATTTGGAATACTGTGAATGA  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
TACAAGGATGACGACGATAAGGTTTAAACGGCCCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001128326
Insert Size:	399 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.



[View online »](#)

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>NM_001128326.2</u>
RefSeq Size:	654 bp
RefSeq ORF:	399 bp
Locus ID:	100131137
UniProt ID:	<u>Q075Z2</u>
Cytogenetics:	19q13.33
MW:	15.7 kDa
Gene Summary:	Binds sperm in vitro and promotes sperm capacitation. Specifically promotes capacitation induced by high density lipoproteins (HDLs). Also binds heparin, phospholipid liposomes, and weakly to gelatin. Does not bind chondroitin sulfate B.[UniProtKB/Swiss-Prot Function]