

Product datasheet for **MC225761**

Bsph1 (NM_001301682) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bsph1 (NM_001301682) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bsph1
Synonyms: Gm767
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225761 representing NM_001301682
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCAGCCTTTGGATTTTCTATTGGTTTCAATCTGCCTGTTTCACAGCCTTTTCAGTTTTCAAGTAG
AAGATTATTATGCACCACTATAGATGGTGCATGTGTCTTCCGTTCTTGTATAGAAGTGAATATTCTA
TGACTGTGTCAATTTCAATCTGAAACACAAGTGGTGTTCTTTGAACAAGACTTACCAAGGTTACTGGAAA
TACTGTGCTCTTTCAGACTATGCTCCATGTGCCTTCCCTTCTGGTACAGACATATGATCTACTGGGATT
GCACAGAGGATGGAGAGGTGTTTGGGAAAAAGTGGTGTTCACTACCCCAAATTACAACAAGACCAAGT
TTGGAAATATTGTATAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001301682
Insert Size: 372 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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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">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001301682.1, NP_001288611.1</u>
RefSeq Size:	793 bp
RefSeq ORF:	372 bp
Locus ID:	330470
UniProt ID:	<u>Q3UW26</u>
Cytogenetics:	7 A1
Gene Summary:	<p>This gene encodes a member of the binder of sperm family. The encoded protein may be involved in sperm capacitation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region compared to variant 1. It encodes isoform 2 which is shorter than isoform 1.</p>