

Product datasheet for MR227972

Bsph1 (NM_001301682) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bsph1 (NM_001301682) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Bsph1
Synonyms: Gm767
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR227972 representing NM_001301682
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAGCCTTTGGATTTTCTATTGGTTTCAATCTGCCTGTTTCACAGCCTTTTCAGTTTCAAGTAG
 AAGATTATTATGCACCAACTATAGATGGTGCATGTGTCTTCCGTTCTTGTATAGAAGTGAATATTCTA
 TGACTGTGTCAATTTCAATCTGAAACACAAGTGGTGTCTTTGAACAAGACTTACCAAGTTACTGGAAA
 TACTGTGCTCTTTCAGACTATGCTCCATGTGCCTTCCCTTCTGGTACAGACATATGATCTACTGGGATT
 GCACAGAGGATGGAGAGGTGTTTGGGAAAAGTGGTGTCTACTCACCCCAAATTACAACAAAGACCAAGT
 TTGGAAATATTGTATAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227972 representing NM_001301682
 Red=Cloning site Green=Tags(s)

MAQPLDFLLVSICLFHSLFSFQVEDYYAPTIDGACVFPLYRSEIFYDCVNFNLKHKWCSLNKTYQGYWK
 YCALSDYAPCAFPFWRHMIYWDCTEDGEVFGKKWCSLTPNKNKQVWKYCIE

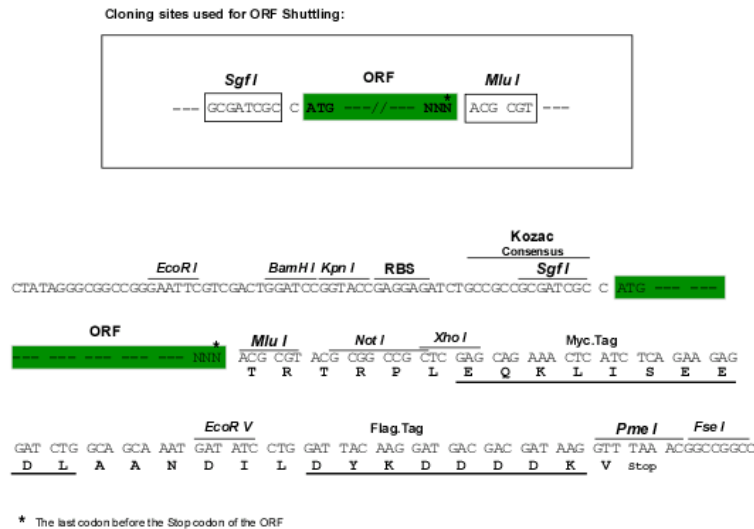
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_001301682

ORF Size: 369 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

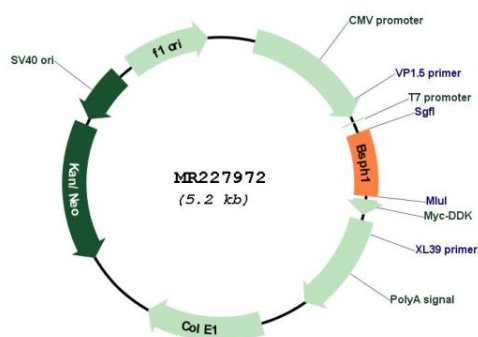
RefSeq: [NM_001301682.1](#), [NP_001288611.1](#)

RefSeq Size: 793 bp

RefSeq ORF: 372 bp
 Locus ID: 330470
 UniProt ID: [Q3UW26](#)
 Cytogenetics: 7 A1
 MW: 15.3 kDa

Gene Summary: 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]

Product images:



Circular map for MR227972