

Product datasheet for RR212599

Blmh (NM_001034163) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Blmh (NM_001034163) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Blmh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR212599 representing NM_001034163 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAACGCAGGACTAAATTCGGAGAAGGTAGCTGCTTTGATCCAGAACTAAATTCGACCCTCAGT
TCGTACTTGCCAGAAATGTCGGGACCACCCACGATCTGCTGGACATTTGTCTGAAGAGGGCCACAGTCCA
GGGTGCTCAGCATGTGTTCCAGCACGTTGTGCCTCAGGAAGGCAAGCCAGTCACCAACCAGAAGAGCTCT
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AATTTGAGTTTAGTCAGTCTTACCTGTTTTTTGGGACAAGTTCGAACGCTGTTACTTCTTCTTGAATGC
TTTTGTGGACACAGCCCAGAAAAAGAGCCTGAAGATGGAAGACTGGTGCAGTATTTGCTTATGAACCTT
ACAAATGATGGTGGACAGTGGGATATGCTTGCTCAATATTGTTGAAAAATATGGTGTTCCTTAAGAAAT
GCTTCCCTGAATCGCATAACGACAGAGGCCACCAGAAGAATGAACGATATTCTGAATCACAAGATGAGAGA
ATTCTGTATACGGCTTCGGAACCTGGTACACAGTGGAGCAACCAAGGAGAGATCTCATCTACACAAGAT
GCCATGATGGAGGAGATATTCAGAGTAGTGTGCATATGTTTGGTAACCCACCAGAGACCTTCACCTGGG
AGTATCGAGACAAAGATAAAAACTACCACAAGGTGGGCCCATAACACCCTTGCAGTTTTACAAGGAACA
CGTGAAGCCACTTTCAACATGGAAGATAAGATTTGTTTTGTGAATGACCCACGGCCCGCAGCACAAGTAC
AATAAATTGTACACAGTAGACTACTTGAGCAATATGGTTGGAGGGAGAAAAACGCTGTATAACAACCAGC
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TGTTGGGAAGCACTTCAATGGCAAGCTGGGCCTCAGTGACATGAATGTCTATGATCACGAGTTAGTGTT
GGTGTCTCCTTGAAGAACATGAACAAAGCTGAGAGGTTGGCTTTTGGTGAGTCACTCATGACCCACGCCA
TGACCTTCACTGCTGTCTCAGAGAAGGATGACCAGGAAGGTGCATTTGTGAAATGGAGAGTAGAGAATTC
ATGGGGTGAAGACCACGGCCACAAGGTTACCTGTGCATGACCGATGAGTGGTCTCTGAGTATGTCTAC
GAGGTGGTGGTGGACAAGAAGCATGTCCAGAAGAGGTGCTGGCTGTGTTAGAGCAGGAGCCTATTGTCC
TGCCGGCATGGGACCCCATGGGGCTTTGGCTGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR212599 representing NM_001034163
 Red=Cloning site Green=Tags(s)

MNNAGLNSEKVAALIQKLNSDPQFVLAQNVGTTDDLIDICLKRATVQGAQHVFQHVVPQEGKPVTNQKSS
 GRCWIFSLNVMRLPFMKKFNIEEFESQSYLFFWDKVERCYFFLNAFVDTAQKKEPEDGRLVQYLLMNP
 TNDGGQWDMLVNIVEKYGVVPPKCFPESHTTEATRMMNDILNHKMREFCIRLRNLVHSGATKGEISSTQD
 AMMEEIFRVVICLGNPPETFTWEYRDKDKNYHKVGPITPLQFYKEHVKPLFNMEDKICFVNDPRPQHKY
 NKLYTVDYLSNMVGRKTLYNNQPIDFLKMKVAASIRDGEAVWFVGCDDVKGKHFNGKLGSDMNVDHELVE
 GVSLKNNKAERLAFGESLMTHAMTFTAVSEKDDQEGAFVKWRVENSWGEDHGHKGYLCMTDEWFSEYVY
 EVVVDKHKHPPEVLAVLEQEPIVLPWADPMGALAE

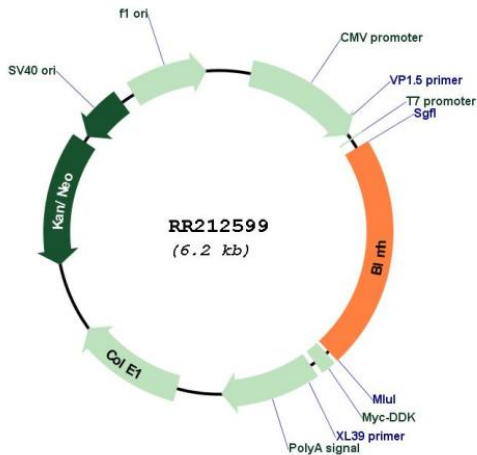
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001034163
ORF Size:	1365 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:	<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:	NM_001034163.1 , NP_001029335.1
RefSeq Size:	2291 bp
RefSeq ORF:	1368 bp
Locus ID:	287552
Cytogenetics:	10q24
MW:	52.5 kDa