

Product datasheet for MR225905

Bsg (NM_009768) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bsg (NM_009768) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bsg
Synonyms:	A115436; A1325119; CD147; EMMPRIN; HT-7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR225905 representing NM_009768 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCGGCTGCTGCTGGCGCTGGCCTTACGCTCTTGAGCGGCCAAGGCGCCTGCGCGGGCTG
GTTTCCTCAAGGCACCACTGTCGAGGAGCGGTGGCGGGGGCAGCGTGGTCTGCACTGTGAGGCTGT
GGGCAGCCCCATCCCGAGATCCAGTGGTGGTTTGAAGGGAATGCTCAAACGACAGCTGCTCCAGCTC
TGGGATGGTGCCCGCTGGACCGTGTTCACATCCATGCCGCTACCGTCAGCATGCAGCCAGTTCGCTCT
CTGTTGATGGGCTCACCGCAGAGGACACAGGCACTTACGAGTGCCGGGCCAGCAGTGACCCAGACCGCAA
CCACCTTACTCGGCCACCCAGGGTCAAGTGGTCCGTGCCAGGCGAGCGTGGTGGTCTTTGAACCGGGC
ACCATCAAACCTCTGTCCAGGAAGTCAACTCCAAAACACAGCTTACCTGCTCTTTGAACAGCAGTGGCG
TTGACATCGTTGGCCACCGCTGGATGAGAGGTGGCAAGTACTGCAGGAGGACACTTGCCCGACCTGCA
TACGAAGTACATAGTGGACGCAGATGACCGCTCTGGGGAATATTCCTGCATCTTCCTTCTGAGCCTGTG
GGCAGAAGCGAGATCAATGTGGAAGGGCCACCCAGGATCAAGTCCGAAAGAAATCAGAGCATTCCAGTG
AGGGAGAGCTTGCGAACTGGTCTGCAAGTCCGATGCATCCTACCCTCTATTACAGATTGGTTCTGGTT
TAAGACCTCTGACTGGGGAAGAAGAGCAATCACCAATAGCACTGAAGCCAATGGCAAGTATGTGGTG
GTATCCACGCCTGAGAAGTACAGCTGACCATAGCAACCTTGACGTAATGTTGACCCTGGCACCTACG
TGTGTAATGCCACCAACGCCAGGGCACTACTCGGAAACCATCTCACTGCGTGTGCGGAGCCGCATGGC
AGCCCTCTGGCCCTTCTAGGCATCGTGGCTGAGGTCCTGGTGTGGTTACCATCATCTTATCTATGAG
AAGAGGCGGAAGCCAGACCAGACCCTGGACGAGGATGACCCTGGCGCCGCCCACTGAAGGGCAGTGAA
CTCACATGAATGACAAGGACAAGAATGTACGCCAGAGGAACGCCACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR225905 representing NM_009768
 Red=Cloning site Green=Tags(s)

MAAALLLALAFTLLSGQGACAAAGFLKAPLSQERWAGGSVVLHCEAVGSPPIPEIQWWFEGNAPNDSCSQL
 WDGARLDRVHIHAAYRQHAASSLSVDGLTAEDTGTIECRASSDPDRNHLTRPPRVKVVRAQASVVLEPG
 TIQTSVQEVNSKTQLTCSLNSSGVDIVGHRWMRGGKVLQEDTLPDLHTKYIVDADDRSGEYSICIFLPEPV
 GRSEINVEGPPRIKVGKKSEHSSEGELAKLVCKSDASYPPIITDWFWFKTSDTGEEEAITNSTEANGKYVV
 VSTPEKSQLTISNLDVNVDPGTYYCNATNAQGTTRTISLRVRSRMAALWPFLGIVAEVLVLVTIIFIYE
 KRRKPDQTLDEDDPGAAPLKSGTHMNDKDKNVRQRNAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

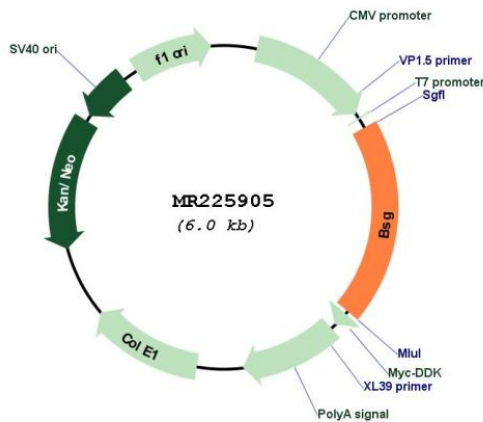
Chromatograms: https://cdn.origene.com/chromatograms/mm9030_g12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_009768
ORF Size:	1167 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_009768.2 , NP_033898.1
RefSeq Size:	1752 bp
RefSeq ORF:	1170 bp
Locus ID:	12215
MW:	42.9 kDa