

Product datasheet for RN200443

Bsg (NM_001109882) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bsg (NM_001109882) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bsg
Synonyms:	5A11; basignin; CE9; EMMPRIN; HT7; Ox47R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200443 representing NM_001109882 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCGCGGCTGCTGCTGGCGCTGGCCTTCACGTTCTGAGTGGCCAAGGCGCTGCGCGCGGCTG
GCTTTCTCAAGGCGCAATGTCCAGGAGCAGTGGCGGGGGCAGCGTGGTCTGCACTGTGAGGCTGT
GGGAGCCCATGCCGAGATCCAGTGGTGGTTGAAGGGAATGAACAAACGACAGCTGCTCCAGCTC
TGGGATGGCGCCCGCTGGACCGTGTTCACATCCATGCCACCTACCGCCAGCATGCAGCCAGCACGCTGT
CTGTTGATGGGCTCGCCGAGAGGACACAGGCCTTATGAATGCCGGGCCAGCAGTGACCCTGACCGCAA
CCACCTGACCCGCCACCCAGGGTCAAGTGGGTTTCGTGCCAGGCGAGCGTGGTGGTCTTGAACCGGGC
ACCATCGTAACCTCTGTCCAGGAAGTTGACTCCAAGACACAGCTTACCTGCTTTTGAACAGCAGTGGCA
TTGACATCGTTGGCCACCGCTGGATGAGAGGTGGCAAGTACTGCAGGAAGACACGCTGCCCGATCTACA
GATGAAGTACACGGTGGATGCAGATGACCGCTCTGGAGAATATTCCTGCATCTTCTTCTGAGCCTGTG
GGCAGAGGCAACATCAATGTGGAGGGGCCACCCAGGATCAAGGTGGGAAAGAAATCGGAACCGCCAGTG
AGGGAGAGTTTGTGAAGCTGATCTGCAAGTCTGAGGCGTCCCACCTCCTGTGGATGAGTGGGTCTGGTT
TAAGACCTCTGACTGGGACCAACTATCTCCAACGGCACTGAGGCCAATAGCAAGTACGTATTATA
TCCACGCTGAGCTGTGAGAGTGCATCAGCGACCTGGACATGAACGTGGACCCTGGCACCTACGTGT
GCAATGCCACCAACTCCAGGGCAGTGTCTGGGAGACCATCTCACTGCGTGTGCGCAGCCGCTGGCAGC
CCTCTGGCCCTTCTGGCATTGTGGCCAGGTCCTGGTGGTGGTACCATCATCTTTCATCTACGAGAAG
AGGCGGAAGCCGACAGACCCTGGACGAGGATGATCCTGGCGCCGCCCACTGAAGGCGAGCGGTCTC
ACCTGAATGACAAGGACAAGAATGTGCGCCAGAGGAACGCCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Chromatograms:	https://cdn.origene.com/chromatograms/ja2604_a01.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001109882
Insert 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>
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_001109882.1 , NP_001103352.1
RefSeq Size:	1681 bp
RefSeq ORF:	1167 bp
Locus ID:	25246
UniProt ID:	P26453
Cytogenetics:	7q11
Gene Summary:	<p>MRC OX-47 antigen that is upregulated on activated lymphocytes; member of the immunoglobulin superfamily [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>