

Product datasheet for **RR209951**

Bag3 (NM_001011936) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bag3 (NM_001011936) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bag3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR209951 representing NM_001011936
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCCGCCACCCAGTCGCCGGTGATGCAGATGGCGTCCGGCAACGGAGCCAGCGACCGAGACCCCC
 TGCCCCCGGGCTGGGAGATCAAGATCGACCCGAGACCGGCTGGCCCTTCTTCGTGGACCAACAGCCG
 CACCACGACGTGGAACGACCCGCGTGTGCCCCCGAGGGCCCTAAGGAACTGCATCATCTGCCAACGGC
 CCTTCCGCGTATGGCTCCAGGCTGCTGCCCGTAGGGAAGGCCACCCCATATACCCAGCTCCGACCAG
 GTTACATTTCCATTCCCGTCCACCATGAAGGCTCGGAAAACCGGCAGCCGCACCTTTTCCATGCCTACTC
 CCAGCCTGGGGTGCAGCGATTTGAAACCGAGGCAGCAGCCGCGCCCGCAGAGGTCAGTCTCCTTTG
 CGTGGGGCGTGACAGAAACCACTCAGACAGATAAACAGTGTGGACAGGTGCCGGCAGTGAACAGCCC
 AGCCCCGACTGCCACGGACCTGAGCGATCTCAGTCTCCAGTGCCTCTGACTGCTCATCTCGTCTC
 CTCGGCCAGCCTGCCGTCTCTGGCAGGAGCAGTCTGGGTAGCCATCAGTCCCCAGGGTTACATACCC
 ATCCCCGTGATACATGAGCAGAACATCACCCGGCCAGCAGCCAGCCCTCCTTCCACCAAGCCAGAA
 CCCACTACCCAGCTCAGCAGGGTGAATACCAGCCCCAGCAGCCTGTGTACCACAAGATCCAGGGGACGA
 CTGGGAGCCCCGGCTCTTCGGGCCACATCTCCATTACAGGTACCTGTCAGAGGTGCATCCAGCCGGGAG
 GGCTCTCCAGCCAGAAGCGGCACACCGGTTCACTGCCCATCACCCATCCGTGTGCACACGGTGGTTGACA
 GGCCTCAGCCCATGACCCATCGAGAGCCTCCCCGTGTACCCAACCCGAAAAACAACAGAAAGCAAGCC
 AGGCCTAGCTGGACCAGATCTCCCTCCTGGACACATCCCCATTCAAGTATCCGCAGGGAGGCCGACTCT
 AAGCCTGTTTCTCAGAAACCACTCCTCCTGCTGAGAAAGTGAAGTGAAGGTCTCCTCTGCCCAATT
 CTTGCTCTTCTCCCGCCCCGCCCTTCGGCTGTCCCTTCTTCCCGAAGAATGTGGCTGCAGAACCGAA
 GGCAGCCCCAGCCCTGCCCTGCAGAGGCTGCATCCCTCAAGTCAAGGAGACGCCGAAGCGCCCA
 CATCCAGGCGTGTGAAAGTGAAGCCATCTTGAGAAGGTGCAGGGGCTGGAGCAGGCCGTCGACA
 TTGAAGGCAAGAAGACTGATAAAAAATACCTGATGATCGAAGAGTATTTGACAAAGAGCTGCTGGCCCT
 GGATTCGTAGACCCCGAAGGACGAGCTGATGTCCGTAGGCCAGGAGAGATGGCGTCAGGAAGGTT
 ACCATCTTGAAAAACTGGAGCAGAAAGCAATCGATGTCCGGGTGAGTCCAAGTCTATGAACTCCAGC
 CCAGCAACCTTGAGCCCGAGCAGCCACTGCAGGAAATCATGGGCGCGTGGCAGCCGACAAGGATAAGAA
 AGGTCTGAAAAAGCAAGATCCACAACTGAAAGCCAACAGCTAGAAGCCAAGCCGACGCTCCAAAC
 CCCAGCAGCACAGCAGACTCGGCTGGCAACCCGGTGGCTCCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR209951 representing NM_001011936
 Red=Cloning site Green=Tags(s)

MSAATQSPVMQMASGNGASDRDPLPPGWEIKIDPQTGWPFVVDHNSRTTWNDRVPPPEPKETASSANG
 PSRDGSRLLPAREGHPIYPQLRPGYIPIPVHHEGSENQPHLFHAYSQPGVQRFRTAAAAAPQRSQSPL
 RGGVTETTQTDKQCGQVPAATAQPPTAHGPERSQSPAASDCSSSSSSASLPSSGRSSLGSHQLPRGYIP
 IPVIHEQNITRPAAQPSFHQAQKTHYPAQQGEYQPQPVYHKIQGDDWEPRPLRATSPFRSPVVGASSRE
 GSPARSGTPVHCPSPIRVHTVVDPRQPMTHREPPVTPQENKPKESKPLAGPDLPPGHIPQVIRREADS
 KPVSQKPPPPAEKVEVKVSSAPIPCPSPGPAPS AVPSSPKNVAEPAAPSPAPAEASLKSQDAEAPHK
 HPGVLKVEAILEKVQGLEQAVDNFEGKTDKYLMIIEEYLTKEALLDSVDPEGRADVRQARRDGVKRVQ
 TIELEKLEKAIIDVPGQVQVYELQPSNLEPEQLQEIMGAVAADKDKKGPENEDPQTESQLEAKAATPPN
 PSSTADSAGNPVAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

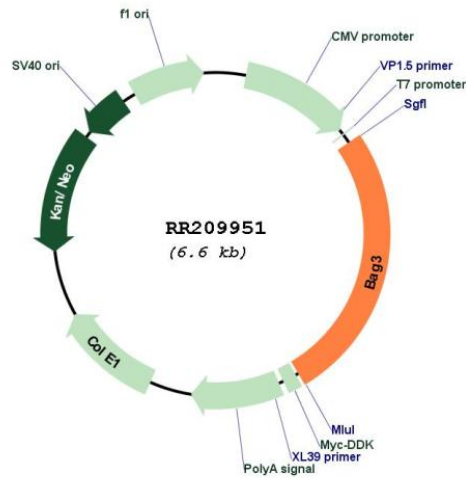
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001011936

ORF Size:	1722 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_001011936.1 , NP_001011936.1
RefSeq Size:	2355 bp
RefSeq ORF:	1725 bp
Locus ID:	293524
Cytogenetics:	1q37
MW:	61.5 kDa