

Product datasheet for **RN209951**

Bag3 (NM_001011936) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN209951 representing NM_001011936
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCCGCCACCCAGTCGCCGGTGATGCAGATGGCGTCCGGCAACGGAGCCAGCGACCGAGACCCCC
 TGCCCCGGGCTGGGAGATCAAGATCGACCCGACACCGGCTGGCCCTTCTTCGTGGACCAACAGCCG
 CACCACGACGTGGAACGACCCGCGTGTGCCCCCGAGGGCCCTAAGGAAACTGCATCATCTGCCAACGGC
 CCTTCCCGTGATGGCTCCAGGCTGCTGCCCGTAGGGAAGGCCACCCCATATACCCACAGCTCCGACCAG
 GTTACATTCCCATTCCCGTCCACCATGAAGGCTCGGAAAACCGGCAGCCGCACCTTTTCCATGCCTACTC
 CCAGCCTGGGGTGCAGCGATTCGAACCGAGGCAGCAGCCGCCGCCCGCAGAGGTCACAGTCTCCTTTG
 CGTGGGGCGTGACAGAAACCACTCAGACAGATAAACAGTGTGGACAGGTGCCGGCAGTGAACAGCCC
 AGCCCCGACTGCCACGGACCTGAGCGATCTCAGTCTCCAGTGCCTCTGACTGCTCATCTCGTCTC
 CTCGGCCAGCCTGCCGTCTCTGGCAGGAGCAGTCTGGGTAGCCATCAGTCCCCAGGGTTACATACCC
 ATCCCCGTGATACATGAGCAGAACATCACCCGGCCAGCAGCCAGCCCTCCTTCCACCAAGCCCAGAAGA
 CCCACTACCCAGCTCAGCAGGGTGAATACCAGCCCCAGCAGCCTGTGTACCACAAGATCCAGGGGACGA
 CTGGGAGCCCCGGCTCTTCGGGCCACATCTCCATTACAGGTACCTGTACAGAGTGCATCCAGCCGGGAG
 GGCTCTCCAGCCAGAAGCGGCACACCGGTTCACTGCCCATCACCCATCCGTGTGCACACGGTGGTTGACA
 GGCCTCAGCCCATGACCCATCGAGAGCCTCCCCGTGCACCCAACCCGAAAACAAACCAGAAAGCAAGCC
 AGGCCTAGCTGGACCAGATCTCCCTCCTGGACACATCCCCATTCAAGTATCCGCAGGGAGGCCGACTCT
 AAGCCTGTTTCTCAGAAACCACTCCTCCTGCTGAGAAAGTGAAGTGAAGGTCTCCTCTGCCCAATTC
 CTTGTCTTCTCCCGCCCCGCCCTTCGGCTGTCCCTTCTTCCCGAAGATGTGGCTGCAGAACCGAA
 GGCAGCCCCAGCCCTGCCCTGCAGAGGCTGCATCCCTCAAGTCAGGAGACGCCGAAGGCCCCATAAG
 CATCCAGGCGTGCTGAAAGTGAAGCCATCTTGAGAAGTGCAGGGGCTGGAGCAGGCCGTCGACAAC
 TTGAAGGCAAGAAGACTGATAAAAAATACCTGATGATCGAAGAGTATTTGACCAAAGAGCTGCTGCCCT
 GGATTCGTAGACCCCGAAGGACGAGCTGATGTCCGTACGGCCAGGAGAGATGGCGTCAGGAAGTTGAG
 ACCATCTTGAAAAACTGGAGCAGAAAGCAATCGATGTCCGGGTGAGTCCAAGTCTATGAACTCCAGC
 CCAGCAACCTTGAGCCCAGCAGCCACTGCAGGAAATCATGGGCGCGTGGCAGCCGACAAGGATAAGAA
 AGGTCTGAAAACGAAGATCCACAACTGAAAGCCAACAGCTAGAAGCCAAGCCGCCACGCCTCCAAC
 CCCAGCAGCACAGCACTCGGCTGGCAACCCGGTGGTCCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001011936
- Insert Size:** 1725 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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.

RefSeq: [NM_001011936.1](#), [NP_001011936.1](#)

RefSeq Size: 2355 bp

RefSeq ORF: 1725 bp

Locus ID: 293524

Cytogenetics: 1q37