

Product datasheet for **MC205287**

Bag4 (NM_026121) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bag4 (NM_026121) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bag4
Synonyms:	2410112I15Rik; SODD
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058518
 CGCTTCGCGGCAGCGGAGCCCATGTCGGCCCTGAGGCGCTCGGGCTACGGCCCCAGTGACGGCCCTTCTT
 ACGGCCGCTACTACGGGCCCGGGGAGGCGATGTCCCGGTGCACGTACCTCCGCCCTTATACCCCTCT
 TCGTCCGAGCCCTCCCAGCCTCCGGTTTCTGGCGAGGGCGCGGGGGCGCCCGGCCGAGACCCTGG
 CCGGGCGAAGGCGCAGGTGGCGATGGCTACTACCCTCGGGAGGCGCCTGGGCAGAAGCGAGCAGAGCCG
 GGGGAGGCCACCAGGAACAGCCACCATATCCTGGCTATAACTCCAACCTACTGGAATTCTGTGCGACCCAG
 GGCTCCATACCCAGGCTCCTACTCTGTGAGGCCAGAGTTACAAGGCCAGAGCCTGAATTCCTTATGCAAAT
 GGAGCATATGGACCGCCTTACCCTCCTGGCCCTGGAGCAAGTACTGCCTCCTACTCTGGGCTTACTATG
 TACCTGGCTATACACAGAGCAATTACTCCACGGAAGTTCCAAACACCTACCGTTACCTGGTAACAGCCC
 AACTCCAATGTCTCGTTGGATGTATTCCAGCAGGACTGTCCAACAGAAGCACCTCCTCTGAGGGGACAG
 GTGCCAGGATATCCTGCTTACAGAACCCTGGAATGACCTTGCCCATTAATCCTTATGGAGATGGCAACC
 GCGCTGTGCCGAGTCAGGAGGGACTGGACGACCACAAGACGATGCCTGGGCTTCCAGCGCTTATGGGAT
 GGGAGCCCGTTACCCTGGCCTTACGTGCACCCTCAGCCCTCGGCTGGGAGCCTGTACATGACGGAA
 AGTGCTTACCGTGGCCAGGCAACAGTTCTCCTCAGCCGCTCCTTACCCCCACCTCAGCAGCCTAAGG
 ACCCTCTGACTCCTACAACCCATCGGGTCAAGGCCTGAGCCGGCACAGCTTTCCCTGCAGCGTCCATCA
 GTATGAATCTCCGGGAGCAGTGAACAATGACAACCTCAGACCTTTTGGATTCTCAAGTCCAGTATAGTGCT
 GAGCCTCAGTTATATGGTAATGCCAGCAGCGAGCATCCCAGCAACCAAGTCCGAGTAATAATCTCCAG
 AAGAGTGTCTTCTTTCAGATGAGGGCACTCCTCCAAGTATTAAGATCATACATGTGCTGGAGAAGGT
 GCAGTTTCTTGAGCAAGAAGTAGAAGAGTTGTAGGAAAAAGACAGACAAGCGTATTGGCTTCTGGAA
 GAAATGCTGACAAAGGAACCTTTAGAACTGGATTCTGTTGAACTGGGGGCCAGGACTCTGTCCGTCAGG
 CCAGGAAAGAAGCTGTTTGAAGATCCAGGCCATACTGGAAAAATTAGAAAAAAGGGACTATGAAATAA
 CTTGGAATGCAGGGGAGCCTGTGACTGATTTGGCCAAAGAACCTTTAATTTGGTTAGTCCCATCTTTT
 GAAACGCTGTTGTGACAAGAAGCAACACATTCCAACCTTCTCCTGACCTAAAACCTGAAAGGGGAAAA
 AACTGGAAAAAGCCGGCAGAGGAATGAAAGCAGCAGTGACAAGATTCTTTCCGGTTCTCAGATGACTGAAC
 AGAATAGGAAACTGGAGTTGTCAGTATTGCCAAGTAGACCTCTCCTTACGCAAGCCAAGGTGCTGTAGG
 CTGCTGCTTGTGACAGTCTAAGGAGGGAGAGACTTTATGTAAGGTTGTCAAACGCCTAATCTGAGACA
 AACAGGCTGTTTTGTAAGCATCTGGACTGTCACATTTTTGTGCATTGTGACTGCAGATACTCATGTGTA
 TATTATAGCTTAGACTCTGGACCTCTGTTCTGTTTTCTTACCTGCAGGTACAAGTGAATACTATTCT
 ACTTCTTCGTACATTTTGTAGTAATATGTTAATAATAATCAAATATTGGCAGCCAGATATGTGAGCAGTT
 CTGAACGAATTCATATCCTTTTACCCTTGAATATATTGCAGTGTGTGGTGGGCTCTAAAAAAAAAAAAA AAAAAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** NM_026121
- Insert Size:** 1374 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: [BC058518](#), [AAH58518](#)

RefSeq Size: 2042 bp

RefSeq ORF: 1374 bp

Locus ID: 67384

UniProt ID: [Q8CI61](#)

Cytogenetics: 8 A2

Gene Summary: Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Prevents constitutive TNFRSF1A signaling (By similarity). Negative regulator of PRKN translocation to damaged mitochondria (By similarity).[UniProtKB/Swiss-Prot Function]