

Product datasheet for **MC208095**

Bag2 (NM_145392) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bag2 (NM_145392) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bag2
Synonyms: 2610042A13Rik; BC016230
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208095 representing NM_145392
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCAGGCGAAGATCAGCGCAAGGCCACGAGGGCCGCTTCTGCCGCTCGTCTTCCATGGCCGACC
GCTCCAGCCGCTGCTGGAGAGTCTGGACCAGCTGGAGCTCAGGGTGAAGCTTTGAGAGACGCAGCTAC
TGCTGTTGAGCAGGAGAAAGAAATCCTTCTGGAGATGATCCACAGTATCCAAAACAGCCAGGACATGAGG
CAGATTAGCGATGGAGAAAGAGAGGAACAAACCTGACTGCCAACCGTCTGATGGCCGGACCCTCACGG
TTGAGGTCTCGGTGAAAACGATCCGAAACCCAGCAGGAGGAATCCTTGAAGCATGCCACGAGGATTAT
AGACGAGGTGGTCAGCAAGTTCCTAGATGACCTGGGGAATGCCAAGAGCCACTTAATGTCACCTTTACAGT
GCCTGCTCATCGGAGGTGCCGCTGGGCCGGTGGACCAGAAGTTCAATCGATAGTCATCGGTTGCGCTC
TTGAGGATCAGAAGAAATCAAGAGGCGATTGGAGACTCTGCTGAGGAACATTGACAACCTCCGACAAGGC
CATTAAACTCCTAGAGCATGCTAAAGGAGCTGGTTCCAAAAGCCTGCAGAACACTGACGGCAAATTTAAT
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_145392
Insert Size: 633 bp



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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:	<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:	<u>NM_145392.2</u> , <u>NP_663367.1</u>
RefSeq Size:	1815 bp
RefSeq ORF:	633 bp
Locus ID:	213539
UniProt ID:	<u>Q91YN9</u>
Cytogenetics:	1 B
Gene Summary:	Co-chaperone for HSP70 and HSC70 chaperone proteins. Acts as a nucleotide-exchange factor (NEF) promoting the release of ADP from the HSP70 and HSC70 proteins thereby triggering client/substrate protein release.[UniProtKB/Swiss-Prot Function]