

Product datasheet for MC208172

Bad (NM_007522) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bad (NM_007522) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bad
Synonyms: AI325008; Bbc2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208172 representing NM_007522
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGAACCCAAAGCAGCCCTCGCTGGCTCCTGCACACGCCCTAGGCTTGAGGAAGTCCGATCCCGGAA
 TCCGGAGCCTGGGAGCGACGCGGGAGGAAGCGGTGGAGACCAGCAGCCAGAGTATGTTCCAGATCCC
 AGAGTTTGAGCCGAGTGAGCAGGAAGACGCTAGTGCTACAGATAGGGCCCTGGGCCCTAGCCTACTGAG
 GACCAGCCAGGTCCTACCTGGCCCCAGGTCTCCTGGGGAGCAACATTCATCAGCAGGGACGGGCAGCCA
 CCAACAGTCATCATGGAGGCGCAGGGGCTATGGAGACTCGGAGTCGCCACAGTTCGTACCCAGCGGGGAC
 CGAGGAGGATGAAGGGATGGAGGAGGAGCTTAGCCCTTTTCGAGGACGCTCGCGTTCGGCTCCCCCAAT
 CTCTGGGCAGCGCAGCGCTACGGCCGTGAGCTCCGAAGGATGAGCGATGAGTTTGAGGGTTCCTTCAAGG
 GACTTCTCGCCAAAGAGCGCAGGCACTGCAACACAGATGCGACAAAGCGCCGGCTGGACGCGCATTAT
 CCAGTCTGGTGGGATCGAAACTTGGGCAAAGGAGGCTCCACCCCTCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007522
Insert Size: 615 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).



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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_007522.3, NP_031548.1</u>
RefSeq Size:	1458 bp
RefSeq ORF:	615 bp
Locus ID:	12015
UniProt ID:	<u>Q61337</u>
Cytogenetics:	19 A
Gene Summary:	Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.