

## Product datasheet for MR201913

### Bid (NM\_007544) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Bid (NM\_007544) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Bid  
**Synonyms:** 2700049M22Rik; A1875481; AU022477  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201913 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACTCTGAGGTCAGCAACGGTTCGGCCTGGGGCCGAGCACATCACAGACCTGCTGGTGTTCGGCT  
 TTCTCAAAGCTCTGGCTGTACTCGCCAAGAGCTGGAGGTGCTGGGTGGGAAGTGCCTGTGCAAGCTTA  
 CTGGGAGGCAGACCTCGAAGACGAGCTGCAGACAGATGGCAGCCAGGCCAGCCGCTCCTTCAACCAAGGA  
 AGAATAGAGCCAGATTCTGAAAGTCAGGAAGAAATCATCCACAACATTGCCAGACATCTCGCCAAATAG  
 GCGATGAGATGGACCACAACATCCAGCCCACACTGGTGAGACAGCTAGCCGCACAGTTCATGAATGGCAG  
 CCTGTCCGAGGAAGACAAAAGGAACTGCCTGGCCAAAGCCCTTGATGAGGTGAAGACAGCCTTCCCAGA  
 GACATGGAGAACGACAAGGCCATGCTGATAATGACCATGCTGTTGGCCAAAAAAGTGCCAGTCACGCAC  
 CATCTTTGCTCCGTGATGCTTCCACACGACTGTCAACTTTATTAACCAGAACCTATTCTCCTATGTGAG  
 GAACTTGGTTAGAAACGAGATGGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201913 protein sequence  
 Red=Cloning site Green=Tags(s)

MDSEVSNGLGAEHITDLLVFGFLQSSGCTRQLEVLGRELVPQAYWEADLEDELQTDGSQASRSFNQG  
 RIEPDSESQEEIHNIARHLAQIGDEMDHNIQPTLVRQLAAQFMNGSLSEEDKRNLAKALDEVKTAFFPR  
 DMENDKAMLIMTMLLAKKVASHAPSLLRDVFHTTVNFINQNLFSYVRNLVRNEMD

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM\_007544

ORF Size: 588 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:
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\\_007544.4](#)

RefSeq Size: 1906 bp

RefSeq ORF: 588 bp

Locus ID: 12122

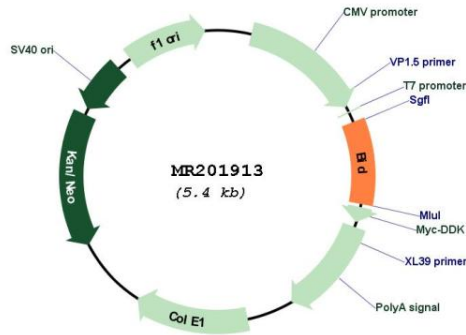
UniProt ID: [P70444](#)

**Cytogenetics:** 6 57.02 cM

**MW:** 22 kDa

**Gene Summary:** Induces caspases and apoptosis. Counters the protective effect of Bcl-2. The major proteolytic product p15 BID allows the release of cytochrome c.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201913