

## Product datasheet for **MG200496**

### Hebp2 (BC006898) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hebp2 (BC006898) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Hebp2  
**Synonyms:** SOUL  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG200496 representing BC006898  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGAGGAGCCGGAGCCAGATCTCGGGGTGGCCGAGGGCTCAGAGGATCAGGCCTTGGAGATGCCGA  
GCTGAAAGCTCCGGAGGACATAGACCCCCAGCCAGGAAGTTATGAGATCCGGCACTACGGACCGGCTAA  
GTGGGTCAGCACTTGGTGGAGTCCCTGGACTGGGATTCAGCCATCCAGACTGGTTTCACAAAATTGAAT  
GGCTACATTCAAGGCAAAAATGAGAAAGAGATGAAAATCAAGCTGACAGCCCCGGTGACAAGCTACGTGG  
AGCCCCGGCTCAAGTCCTTTCAGTCTTTTGATGGATTCTCCAGTGGCCAAAAGAATCAAGAACAACCTT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG200496 representing BC006898  
Red=Cloning site Green=Tags(s)  
MAEEPEPDLGVAEGSEDQALEMPSWKAPEDIDPQPGSYEIRHYGPAKWVSTCVESLDWDSAIQTGFTKLN  
GYIQGKNEKEMIKLTAPVTSYVEPGSSPFSLLMDSPVAKRIKNNF

**TRTRPLE** - GFP Tag - V

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja2519\\_f07.zip](https://cdn.origene.com/chromatograms/ja2519_f07.zip)

**Restriction Sites:** Sgfl-Mlul



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**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:** [BC006898](#), [AAH06898](#)

**RefSeq Size:** 986 bp

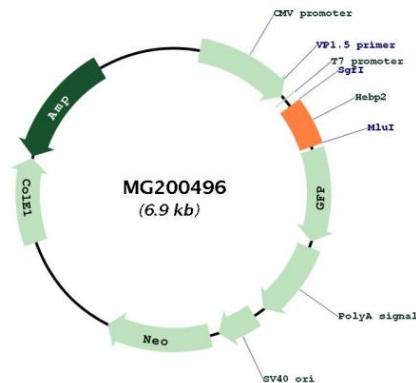
**RefSeq ORF:** 350 bp

**Locus ID:** 56016

**Cytogenetics:** 10 A3

**Gene Summary:** Can promote mitochondrial permeability transition and facilitate necrotic cell death under different types of stress conditions (By similarity). May have low affinity for heme (PubMed:15518569).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG200496