

## Product datasheet for **MG203247**

### Igfbp4 (NM\_010517) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Igfbp4 (NM\_010517) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Igfbp4  
**Synonyms:** AI875747; Deb2; IBP-4; IGFBP-4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG203247 representing NM\_010517  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGCCCTTCGGCCTCGTGGCCGCCCTGCTGCTGGCCGAGGGCCTCGGCCGAGCCTGGGCGACGAAG  
CCATCCACTGCCCCCTTGCTCCGAGGAGAAGCTGGCGCGCTGCCGCCCCCGTGGGTTGCGAGGAGTT  
GGTGGGGAGCCAGGCTGCGGTTGTTGCGCCACTTGCGCCCTGGGCTGGGGATGCCCTGCGGGGTGAC  
ACCCACGCTGTGGCTCAGGCATGCGTGTACCCTCCCGGGGGTGGAGAAGCCCTGCGTACATTGA  
TGCACGGCAAGGCGTGTGCACGGAGCTGTCGAAATCGAAGCCATCCAGAAAGCCTGCAGACCTCTGA  
CAAGGATGAGAGCGAACATCCCAACAACAGCTTCAACCCCTGCAGTGCCCATGATCACAGGTGCCTGCAG  
AAGCATATGGCCAAAATTAGAGATCGGAGCAAGATGAAGATCGTGGGGACACCTCGGAGGAACCCCGTC  
CTGTGCCCCAGGGTTCCTGCCAGAGCGAGCTGCACCGGCCCTGGAGCGGCTGGCCGCTCACAGAGCCG  
TACCCACGAAGACCTTTCATCATCCCCATTCCAACTGTGACCGCAACGGCAACTTCCACCCAAAACAG  
TGTCACCCCGCCTGGACGGACAGCGTGGCAAGTGTGGTGTGGATCGGAAGACAGGGGTGAAGCTTC  
CTGGGGTTTGAACCAAGGGGAGCTGGACTGCCACCAGCTGGCTGACAGCTTCCAAGAG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_010517.4](#)

**RefSeq Size:** 2069 bp

**RefSeq ORF:** 765 bp

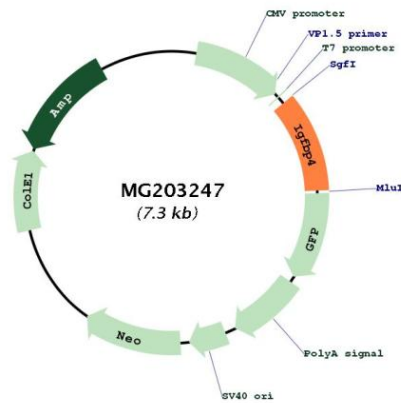
**Locus ID:** 16010

**UniProt ID:** [P47879](#)

**Cytogenetics:** 11 D

**Gene Summary:** IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG203247