

## Product datasheet for **RG203797**

### IGFBP5 (NM\_000599) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IGFBP5 (NM_000599) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IGFBP5
Synonyms:	IBP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203797 representing NM_000599 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGTGCTCACCGGGTCTCCTGCTGCTGGCCGCCTATGCGGGCCGGCCAGAGCCTGGGCTCCT  
TCGTGCACTGCGAGCCCTGCGACGAGAAAGCCCTCTCCATGTGCCCCCAGCCCCCTGGGCTGCGAGCT  
GGTCAAGGAGCCGGGCTGCGGCTGCTGCATGACCTGCGCCCTGGCCGAGGGGCAGTCGTGCGGCGTCTAC  
ACCGAGCGCTGCGCCAGGGGCTGCGCTGCCTCCCCGGCAGGACGAGGAGAAGCCGCTGCACGCCCTGC  
TGCACGGCCGGGGTTTGCCTAACGAAAAGAGCTACCGCGAGCAAGTCAAGATCGAGAGAGACTCCCG  
TGAGCACGAGGAGCCACCACCTCTGAGATGGCCGAGGAGACCTACTCCCCAAGATCTTCCGGCCCAA  
CACACCCGCATCTCCGAGCTGAAGGCTGAAGCAGTGAAGAAGGACCGCAGAAAGAAGCTGACCCAGTCCA  
AGTTTGTGCGGGGAGCCGAGAACACTGCCACCCCGGATCATCTCTGCACCTGAGATGAGACAGGAGTC  
TGAGCAGGGCCCTGCCGAGACACATGGAGGCTTCCCTGCAGGAGCTCAAAGCCAGCCACGCATGGTG  
CCCCGTGCTGTGTACTGCCAATTGTGACCGCAAAGGATTCTACAAGAGAAAGCAGTGCAAACCTTCCC  
GTGGCCGAAGCGTGGCATCTGCTGGTGGTGGACAAGTACGGGATGAAGCTGCCAGGCATGGAGTACGT  
TGACGGGGACTTTCAGTGCCACACCTTCGACAGCAGCAACGTTGAG

**ACGCGT**ACGCGGCCGCTCGAG - 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.

**RefSeq:** [NM\\_000599.3](#)

**RefSeq Size:** 6316 bp

**RefSeq ORF:** 819 bp

**Locus ID:** 3488

**UniProt ID:** [P24593](#)

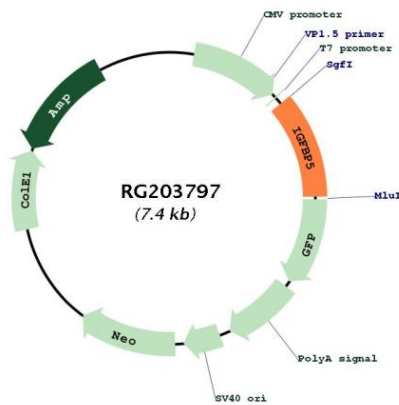
**Cytogenetics:** 2q35

**Domains:** thyroglobulin\_1, IB

**Protein Families:** Druggable Genome, Secreted Protein

**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 RG203797