

## Product datasheet for **MG203205**

### **Fgfbp1 (NM\_008009) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fgfbp1 (NM\_008009) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Fgfbp1  
**Synonyms:** FGF-BP; FGF-BP1; FGFBP-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG203205 representing NM\_008009  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGACTCCACAGCCTCATCTGCTCTCCTTCTCCTGGCTACTCAGGCGTTCTCAGAAAAGGTCA  
GAAAGAGAGCCAAGAACGCACCACAGCACAGCGGAGGAGGGGTAGAGGGTTCAGCTCCCTCGTTAGG  
GAAGGCCAGAATAAGCAGAGAAGCAGGACATCTAAATCTCTGACGCATGGCAAGTTTGTACCAAAGAC  
CAAGCCACATGCAGATGGCTGTGACTGAGGAGGAGCAGGGCATCAGCCTGAAGGTCCAGTGCACACAAG  
CCGATCAGGAGTTTTCTTGTGTTTTGCTGGTGACCCAAGTACTGCCTTAACACGACAAGACCAGAT  
CTACTGGAACAGGTTGCCCGCACGCTGCGCAAACAGAAAAATATCTGCAGGAACGCCAAGAGTGTCTTG  
AAGACCAGAGTGTGCAGAAAGAGATTTCCAGAGTCTAACCTCAAGCTGGTGAACCCCAACGCACGTGGAA  
ACACGAAGCCCAGGAAGGAGAAAGCAGAGGTCTCCGCAAGGGAGCACAACAAGGTCCAAGAAGCTGTCTC  
CACGGAGCCAAACAGGGTCAAAGAAGACATCACACTCAATCCAGCTGCGACCCAGACCATGGCCATTAGA  
GATCCAGAGTGTCTAGAGGATCCAGATGTGCTCAACCAGAGGAAGACCGCCCTGGAGTTCTGTGGGAAT  
CTTGGAGCTCCATTTGCACATTCTCTCAACATGTTACAGGCGCATCATGC

**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA**



[View online »](#)

**Protein Sequence:** >MG203205 representing NM\_008009  
 Red=Cloning site Green=Tags(s)

MRLHSLILL SFLLLATQAFSEKVRKRAKNAPHSTAEEGVEGSAPSLGKAQNKQRSRTSKSLTHGKFVTKD  
 QATCRWAVTEEEQGISLKVQCTQADQEFSCVFGDPTDCLKHDKDQIYWKQVARTLRKQKNICRNAKSVL  
 KTRVCRKRFPESNLKLVNPNARGNTKPRKEKAEVSAREHNKVQEA VSTEPNRVKEDITLNPAATQTMAIR  
 DPECLEDPDVLNQRKTALEFCGESWSSICTFFLNMLQATSC

TRTRPLE - GFP Tag - V

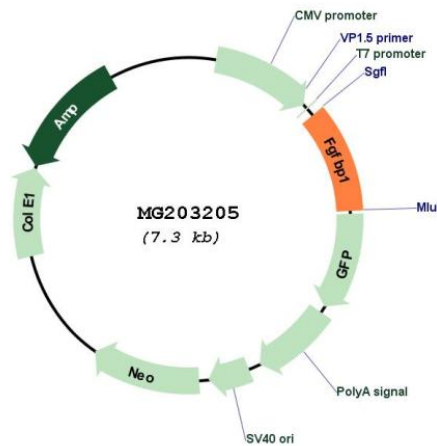
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_008009

**ORF Size:** 753 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_008009.4</a> , <a href="#">NP_032035.2</a>
<b>RefSeq Size:</b>	1213 bp
<b>RefSeq ORF:</b>	756 bp
<b>Locus ID:</b>	14181
<b>UniProt ID:</b>	<a href="#">O70514</a>
<b>Cytogenetics:</b>	5 B3
<b>Gene Summary:</b>	Acts as a carrier protein that releases fibroblast-binding factors (FGFs) from the extracellular matrix (EM) storage and thus enhances the mitogenic activity of FGFs. Enhances FGF2 signaling during tissue repair, angiogenesis and in tumor growth (By similarity). [UniProtKB/Swiss-Prot Function]