

## Product datasheet for **MC203772**

### Igfbp1 (NM\_008341) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Igfbp1 (NM\_008341) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Igfbp1  
**Synonyms:** IGFBP-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC013345

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CCACGCGTCCGCGGACGCGTGGGCAGCCAGCATGGTCCACTGCCCGCGGAGACACACCCAGCGAGCAT
TGAACACTGCACACGCGCTCTGCCAGAGAGCTGTGACCACATTGCCACTACTATCTACTCAGAAAGT
CGTGACCACTGAGCAACTGCTGCCTGTCCAGAGTCTCATCCACAGCCTGCTGAACCAGTTGCGATGCCCG
AGTTCCTAACTGTTGTTTCTTGCCGTTCTGATTCTCCTGTCCCTTCCAGATTGGCGTGGCCGCTGGAGC
CCCCAGCCATGGCACTGTGCTCCCTGCACTGCTGAGAGGCTGGGGCTGTGCCACCCGTGCCCGTTCCG
TGCCCCGAGATTCTCGGCCTGCAGGCTGTGGCTGCTGCCGACATGTGCCTTGCCGATGGGTGCTGCCT
GCGGTGTGGCACTGCTCGCTGCGCCAGGACTCAGCTGCCGTGCGTTGCCAGGAGAGCCTCGTCCCT
GCATGCCCTCACCGTGGTCAGGGAGCCTGTGTACCAGAACCTGCTGCACCCGCCAGGACCTTGTC
AGCTCCCAGCATGAAGAGGCAAAGGCTGCTGTGGTCTCCGCGGATGAGCTTTCTGAGAGCCAGAGATGA
CAGAGGAGCAGCTGCTGGACAGTTCCACCTGATGGCCCCATCCCGCAGGATCAGCCCATCCTGTGGAA
CGCCATCAGCACCTATAGCAGCATGCGGGCCCGGAGATCGCCGACCTCAAGAAATGGAAGGAGCCCTGC
CAACGAGAAGCTATAAAGTGCTAGAGAGATTAGCTGCAGCCAAACAGAAAGCAGGAGATGAAATCTACA
AATTTTATCTGCCAACTGCAACAAGAATGGATTTTATCACAGCAACAGTGTGAGACATCCCTGGATGG
AGAAGCTGGACTCTGCTGGTGTGTCTACCCATGGAGTGGAAAGAAATCCCTGGGTCTCTGGAGACTAGA
GGGGACCCCAACTGCCACCAGTATTTAATGTACATAACTGAAAGGAGTTCTTTTCTTTTCCGTGTTCA
CACAAAATATTTAAGTATATAGTATATTTATACTCTGGAGCACACCATTTTATATATGTATATGTATA
TATCCAGGAAGTATTTTATACTCCACATACTGCTTGATACATGAAGCTGGTTTGTATTTATTTACTGT
AAGTTTATTTTTTCTACACAGTCTTTGTGCTATATTAATTTATATAACATGAAGCTCTTCTCATCTGTG
TACATGTAATACTATATCTCAGCTCTTGCAAAGTTCTGCTTTGAAAGGGCAGAGTATGCTGCCTAGAA
CAAGGCAGTCTGAGGCCGAAGCTTTCAGTGGGTTAGGGGAGGGAGGTTGGCCCACTCGGAGATTTCC
TCATCGTCTCACACAGATCTGTGTCTGATGCACATTTGCTGGGAAAGTCCGATGCTGATTGTGTAACCA
AAGCTGAACGTGGAAAGCTGCGTCCCATACATTGTTAAATACACATCTGGAATAAATATTCTATCTGGAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
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**Restriction Sites:** RsrII-NotI



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<b>ACCN:</b>	NM_008341
<b>Insert Size:</b>	819 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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="#">BC013345</a> , <a href="#">AAH13345</a>
<b>RefSeq Size:</b>	1569 bp
<b>RefSeq ORF:</b>	819 bp
<b>Locus ID:</b>	16006
<b>UniProt ID:</b>	<a href="#">P47876</a>
<b>Cytogenetics:</b>	11 4.75 cM
<b>Gene Summary:</b>	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. Promotes cell migration (By similarity).[UniProtKB/Swiss-Prot Function]