

## Product datasheet for MC205719

### Igfbp2 (NM\_008342) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Igfbp2 (NM\_008342) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Igfbp2  
**Synonyms:** AI255832; IBP-2; IGFBP; Igfbp-2; mIGFBP-2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC012724  
 CCACGCGTCCGGGAGCGCTCTCCCGCATTGATGGGCCGTGCCACCTGCCCGCTAGCTCGTGCCTACTAC  
 CGTTGCCACAAGCCAACATGCTGCCGAGATTGGGCGGCCCGCGCTGCCGCTGCTCCTGCCGTCGTTGC  
 TCTTGCTGCTGCTCTTGGGCGCGGGCGGCTGCGGCCCGGGGTGCGCGCCGAGGTGCTGTTCCGCTGCC  
 ACCCTGCACGCCGAGCGTCTGGCCGTTGCGGGCCCCACCCGACGCGCCCTGCCCGAGCTGGTGCGA  
 GAGCCCGCTGCCGCTGCTGCTCCGTGTGCGCACGGCAGGAGGGCGAAGCATGCGGCGTCTACATCCCGC  
 GCTGCGCCAGACGCTACGCTGCTATCCCAACCCGGGCTCCGAGCTGCCCTGAAGGCGCTTGTACAGG  
 CGCGGGTACCTGTGAAAAGAGACGCGTGGGCACCACCCACAGCAGGTTGCAGACAGTGTGACGACCAC  
 TCTGAGGGAGGCCTGGTGGAGAACCACGTGGATGGACCATGAACATGTTGGGAGGTGGTAGCAGTGTG  
 GCCGGAAGCCCTCAAGTCAGGCATGAAGGAGCTGGCTGTGTTCCGGGAGAAGGTCAATGAACAGCACCG  
 GCAGATGGGCAAGGGTGCCAAACACCTCAGTCTGGAGGAGCCCAAGAAGTTGCGCCCGCCTCCCGCCAGG  
 ACCCCTTGCCAGCAGGAGTTGGACCAGTCTGGAGCGGATCTCCACCATGCGCCTTCCGGATGATCGGG  
 GCCCCCTGGAACATCTCTACTCCCTGCACATCCCCAACTGTGACAAGCATGGCCGGTACAACCTTAAGCA  
 GTGCAAGATGTCTCTGAACGGACAGCGCGGGGAGTGTGGTGTGTGAACCCCAACACCCGGGAAGCCCATC  
 CAGGGAGCTCCCACCATCCGGGGAGACCCCGAGTGCCATCTCTTCTACAACGAGCAGCAGGAGACTGGTG  
 GGGCCATGCCAAAGTGTGAGTAAACCCAGCCAGTCGGTGCCTGGCTTCCCCATCCCGAACACCAGC  
 AGAAATGGAGGGCGTCAGGGTGACGGGTGTGGAGGAGTCCCAGTTTTGACACATGTATTTATATTTGGA  
 AAGAGACCAACTGAGCTCAGAAGCCCCCTTGACCCCCCAGCGGCTGTTAAGCTGAACCTCCCTT  
 GCTTCTGTTAGAGAGGGGAAGGGTGGTATGGAGGCACTGGGTACAGGCTGGGAATGGGAAAGAAAT  
 TTTATTTTGAATCCCTGTGCTCTTTTACTTAAGATTAAGGAAGGAAAAATAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_008342  
**Insert Size:** 918 bp



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<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="#">BC012724</a> , <a href="#">AAH12724</a>
<b>RefSeq Size:</b>	1355 bp
<b>RefSeq ORF:</b>	918 bp
<b>Locus ID:</b>	16008
<b>UniProt ID:</b>	<a href="#">P47877</a>
<b>Cytogenetics:</b>	1 36.94 cM
<b>Gene Summary:</b>	<p>The protein encoded by this gene is one of several similar proteins that bind insulin-like growth factors I and II (Igf-I and Igf-II). The encoded protein can be secreted into the bloodstream, where it binds Igf-I and Igf-II with high affinity, or it can remain intracellular, interacting with many different ligands. Two transcript variants, one encoding a secreted isoform and the other encoding a nonsecreted isoform, have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>