

Product datasheet for **MC202006**

Igfbp1 (NM_018741) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp1 (NM_018741) Mouse Untagged Clone
Tag: Tag Free
Symbol: Igfbp1
Synonyms: 2810011G06Rik; 2810453O06Rik; IGFBP1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC051960 sequence for NM_018741
 GGCCATGCCGCTCTGCCGCTGCTCCTGCTCCTGCCATCACTGGCCCGGGTCTCGGGCTCCGCGAC
 GCGGGTAGACGACACCCCGAGTGCAGCCGTGCCAGCAGGATCGCTGCCCTGCGCCCTCGCCTTGCCAG
 CGCCCTGGATCTCCGCGCGACGAGTGCAGGCTGCTGCGCGCGCTGCCTGGGCGCCGAGGGCGAGTTG
 CGGGGACCCGTGGGCTCACGCTGTGGCCTGGCCTGGTGTGTGCGAGTCGCGCCTCGGGGACGGCGCCC
 GAGGGACCCGGGCTTTGCGTGTGCGCGCAACGCGCGCCGTCTGCGGCTCTGACGGCCGCTCCTACTCCA
 GCATCTGCGCGCTACGTCTGCGCGCCGACATGCACCCCGCGCGCACCATGGCCACCTGCACAAGGCTCG
 CGATGGGCCCTGCGAGTTCGCTCCCGTGGTCTCATGCCCCCTCGAGATATTCACAATGCTACTGGGACT
 CAAGTATTCCTTCTGTGAGGTGAAGGCTGTGCCACCCCGGTCATCACCTGGAAGAAGGTCAAGCACT
 CTCCAGAGGGCACCGAGGGTGGAGGAGTTGCCCGGAGACCATGTCAATATAGTGTCCAGGTGCGAGG
 GGGCCCTTCTGACCATGAGACCACATCCTGGATTTTGTATCAACCCTCTGAGGAAGGAAGATGAGGGAGTG
 TACCCTGCCACGACGCAACGCCATTGGAGAGGCTCAGTCCCACGGCACGGTGACGGTCCCTCGATCTGA
 ACAGATACAAAAGCCTCTACTCCTCAGTTCGGGTGACCTCCTGTGACGAACGTGGCTTCCAGAGACACT
 TGTCAAGACGATGATGATCAAGGAATGGATCATTTTGTCTGTGAAATTTTGGGAGACTGCCTGTAG
 ATGGCTGCTTTTGTATGTTTTTTAAGGGAATGCAAAC TAGATTCTTATGCAGATGTAGTTTTAGCAG
 GGCAGACCTTGGGGTGGGGTGGAGGGATGGTCGTGCATGCAGCTTTTTACACTTTTGGAGTGAATCA
 GGTTTTTTAGAACAAATCTTTTTAACTCTTCTGTCCAAGAAAGGCCACACACTGTCTGTTTGAATTTCT
 AAAGGGCTCAAAAAGGCACAGGCCAGCTGACTCGTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_018741
Insert Size: 813 bp



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OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>BC051960</u> , <u>AAH51960</u>
RefSeq Size:	1182 bp
RefSeq ORF:	813 bp
Locus ID:	75426
UniProt ID:	<u>Q80W15</u>
Cytogenetics:	4 B1
Gene Summary:	IGF-binding proteins prolong the half-life of IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs in cell culture. They alter the interaction of IGFs with their cell surface receptors (By similarity).[UniProtKB/Swiss-Prot Function]