

Product datasheet for **MC201722**

Igfbp4 (NM_010517) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igfbp4 (NM_010517) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igfbp4
Synonyms:	A1875747; Deb2; IBP-4; IGFBP-4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019836 sequence for NM_010517
 GTCCGCCGCCCTGCTGGGCCGGCCGAGGATGCAGCGCAGCGCCTCGGTGGCCAGGCTCGCTCTGCTCC
 AGCGTGCTTGCTAACTTCCCCGGCTCCGTCTCTGCCTGCCGGGGTGCCTCCGTGTCCCTGCGCCCTCCGG
 GTCTGGTTCTCTAAGCTCTCTGGGCGCTGCCTCCGGGTCCTTGCAGCCCCGCTCGCGAGCCCCGCGTCCC
 CTCCTGCGCCCCACCCTCGTCTCGCCATGCTGCCCTTCGGCCTCGTGGCCGCCCTGCTGCTGGCCGCGAG
 GGCTTCGGCCGAGCCTGGGCGACGAAGCCATCCACTGCCCCCTTGTCTCGAGGAGAAGCTGGCCGCTG
 CCGCCCCCGTGGGTTGCGAGGAGTTGGTGGGAGCCAGGCTGCGGTTGTTGCGCCACTTGGCCCTG
 GGCTTGGGGATGCCTGCGGGGTACACCCACGCTGTGGCTCAGGCATGCGCTGTACCTCCCCGGG
 GGGTGGAGAAGCCCTGCGTACATTGATGCACGGCAAGCGTGTGCACGGAGCTGTCGGAATCGAAGC
 CATCCAGGAAAGCCTGCAGACCTCTGACAAGGATGAGAGCGAACATCCCAACAACAGCTTCAACCCCTGC
 AGTGCCCATGATCACAGGTGCCTGCAGAAGCATATGGCCAAAATTAGAGATCGGAGCAAGATGAAGATCG
 TGGGGACACCTCGGGAGGAACCCCGTCTGTGCCAGGGTTCCTGCCAGAGCGAGCTGCACCGGGCCCT
 GGAGCGGTGGCCGCTCACAGAGCCGTACCCACGAAGACCTTTCATCATCCCCATTCAAACCTGTGAC
 CGCAACGGCAACTTCCACCCAAACAGTGTACCCCGCCCTGGACGGACAGCGTGGCAAGTGTGGTGTG
 TGGATCGGAAGACAGGGTGAAGCTTCTGGGGTGGTGAACCCAAGGGGAGCTGGACTGCCACCAGCT
 GGCTGACAGCTTCCAAGAGTGAAGCTTCCAGCAGGAGGTTGGGGACTCAGTGCCTCCCTACTAGCCCCATG
 CTCTGGGGTGTAGAGTTGACCTGGCTTGGAGTCTGAGTCTGGCTGTCTGCCTCTGGCCCTGCCAAAA
 TTTCCCTTTGTGTGTGTGCACACGCGTGCACATGCTCGTGTGTGTGTGTTATAGGATGTGCCCTACA
 GGATAAGCCTGAGCCTTCTCGTGCCATGATGGGCTTAGATACCCCAAGAGGTCTGAGTGTAGCAATAG
 GAATTCACAGTGTGCTTCAAATCAATATGGAATTCATTATTATTATTATTATTATTATTATTATTATTATT
 ACGTATTGAAAACATACTATGTGCCAGCTTTAGTTTTAGCGCCGGGAAGCCTCGTTGTGATTTCTCCG
 ATTGTAGAATGTGACGAGGTGTTCTCAACTCAAGGCCACGGGAGAAGAGAAACCTATTCTTGGAGTGA
 GAGAGAAAGAAAGTGGTGAACATTGAACGCCCTCCCTCCATCTTGGCCAGAGCGTGGGAAGGTGAGA
 GTAGAGGCTCACGGCTCCTGAGACCCACCTCTGCTCTGTGCTGCTGCGTAGAGCTCTCTCTTGGGGCCT
 CCAGGGCAACAAGCTTGGAGGACAGGGCCATCTTTGGTCAAGGATTTCGGTCATCCGACAATGCCTTGCA
 GGTAGATCTCTGCTGTGGAAAGGAATGGGGTGGGAAGGCCGGAAGGACAGGGGGCAGGGAGGTGGGCT
 CATCACTCTGAGCCTGCAGGAGAGAGAAAGAATGTGAGATTGGATTGTGTGTCTGAGGAATGGCCCC
 ATTCTGGTCCCTATTTGTGGTTATTGGTCATGAAGTACCAGGATGACTCTATCTTTCTAGTTGCCACC
 ACCTGTGGCTTTCCTCCGTCCCATATTTCCCTACCCTTATACCTCTATCCCGCCATCTTACCCCCC
 TGGGCATTTTCTGGCTTGCCTGGATAGATTTAGAGACCTGCTTGTGGCTATAATGTCTTTTCTTTCTTT
 CTCTCTCTTTTTTAAAAAATCAGAACAAAACCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010517

Insert Size: 765 bp

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:

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: [BC019836](#), [AAH19836](#)

RefSeq Size: 2079 bp

RefSeq ORF: 765 bp

Locus ID: 16010

UniProt ID: [P47879](#)

Cytogenetics: 11 D

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]