

Product datasheet for **MC203300**

Igfbp3 (NM_008343) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igfbp3 (NM_008343) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igfbp3
Synonyms:	A1649005; IGFBP-3; IGgfbp3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058261
GGCGACTGGGCGCTGAGGACCTGCTTGCTGCTGCCATCCC GCCCCTCATCCCGCTGCTCCACTC
CGTCCCCTCCACCGAGCCGTCCACCCGGCGCCATGCATCCCGCGCGCCCGCGCTCTGGGCGGCTGCGC
TCACTGCCCTCACTCTGCTCCGCGGACCGCCGTGGCGCGAGCTGGCGCGGGCGCGGTGGGCGGGGCC
CGTGGTGCCTGCGAACCCTGCGACGCGCTGCGCTGTCCCAGTGC GCGCCTCCGCCACTGCGCCCGG
TGCACGGAGCTGGTGCAGAGCCCGCTGCGGCTGCTGCCTGACTTGC GCGCTGCGGAAGGCGACGCGT
GCGGCGCTACACGGAGCGCTGTGGCACC GGCCCTCCGCTGCCAGCCGCGCCCGCGGAGCAGTACCCGCT
GAGGCGCTGCTGAATGGCCGCGGGTTCTGCGCCAACGCCAGCGCTGCAGGCAGCCTAAGCACCTACCTC
CCCTCCCAACCTGCTCCAGGAAACATCAGTGAGTCCGAGGAGGAGCACAATGCTGGGAGTGTGAAAGCC
AGGTTGTCCCAGCACACACCGAGTGACCGATTCCAAGTTCCATCCACTCCATGCCAAGATGGATGTCAT
CAAAAAAGGCCACGCCAGGGACAGCCAGCGCTACAAAGTTGACTATGAGTCTCAAAGCACAGACCCAG
AACTTCTCCTCCGAGTCTAAGCGGGAGACAGAATACGGTCCCTGCCGAGAGAAAAGGAGACACTGA
ATCATCTGAAGTTCCTCAATGTGCTGAGTCCCAGAGCGTCCACATCCCAAAGTGTGACAAGAAGGGTT
CTATAAGAAGAAGCAGTCCGCCCTTCAAAGGCAGAAAGCGGGCTTCTGCTGGTGTGTGGACAAGTAT
GGGCGCCCTTGGCAGGCTACGACACCAAGGGGAAAGACGACGTACATTGCCTCAGCGTGCAGAGCCAGT
AGATGCTCCGTGCCACATAATATGGAGCTCAAATATGCCTATTTTGCACAAAAGACTGCCAACAACATG
ATCAGCAGCTGGCTACAGCCTTGATTTATATATATATATATATATTTTATGTGTGTGTGTGTGTGAGTGT
GGTGAAGTGAAGTAAAACAAACACACACAAACCAAAGTTTAGACAGATTTCTGAAATGCCTCTGGTCA
TTTAAATAGTGAAGTTCATCTTCTACTTCCCAGTAGTCAACAAAAAGCAGTTTGAATTTTCTGTT
GCTTCTTATGAGAGACTCGTGTACTCCAGGCCCGGATGCCATCTGCCCCCTAACTCACCCACCCAGT
ACGGGCTTCAATGCTGCTGGCCCTCTGCCTTCTGATTTTCCAGCGTCCGTGGCTGATATAGACAAATCC
TCTTTCCATCCCCTGTAATAAGTGCAGGTCCATGGAGAATGGGAAACCCATAACCGAGTGACCCGGA
CATCTGGAAGCATATGCCTGAGGCTCATGGTCTTATTGTGCCATCTGAAATAAGGGCTGGCCCTGTA
TCCGCAAGTGGCCTGATCTACTTGGGAAGTGTGGGAGAGGATATGTGTTGCTCTTACTAAAAATGAC
TGAGAATGTTCTAGGGCACTCTGGGAGCCATAAGGACAAGGATAAGGACCTTTCTTTGTAGGCATCTT
CTTGATGACTTGGCCAGCAGAAAGCCCAAGTGGGAGGAGCAGCATCGGACTCCACGTTTCAAGATGTC
GCAAAATAGTGCCTAGTTCCTCAGATGACTTCAAAAAACAATGTTTTCTGGTCCAGCCTCTCAAAA
TAAAGTTTGTGTGAGGTGGGCTGCGGGAGGCAAGTTTTTCAAAAACACAGATTTCTTTTCATCTTCT
ATCTAAACAGGAAAGAGGAGTGGCTTGTCTGAGAGCCTGGTAAGAGCATGGAGAAATCACCTGTATGTT
GATCTTGGGTCCTTCTCAAAGTCTTTATAATTCACGCATATATGCAGACAAAGTACGTTTTTAATTG
TTAACATTGTATAACAGTAGCCAGATATAATAGAATCTGACTAGATAATCCTAGATGAAGTGTAGAG
GATGTTAGGTGATATAACTGCAGACACGCCAAGGAAAGGAGCCTGTGTCTGGAGCTGGCTGCTCC
CCCAGGCCGAGGCGGAGGAGGTCTGGCAACGCAGGGTGGAGGAGACTGTACTGCATCCACGGGTGGA
CATGCGCTGTACAGAGCTTCTTGGAGAGCACAAAGGAATCTCAAGACATTCTGCCTGCCTATCAGCTTT
TCTTTATTTTTTAAATTAAGTTTTTGGGAAAAATGATTTTTGAAAAGTTTGTCTTGAATGATTTTA
TAAATAGTAAATAAAGTTTTTATCATTTAAAAA AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008343

Insert Size: 879 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:	<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>BC058261</u> , <u>AAH58261</u>
RefSeq Size:	2432 bp
RefSeq ORF:	879 bp
Locus ID:	16009
UniProt ID:	<u>P47878</u>
Cytogenetics:	11 4.75 cM
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. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R.[UniProtKB/Swiss-Prot Function]