

Product datasheet for **MC205468**

Igfbp5 (NM_010518) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igfbp5 (NM_010518) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igfbp5
Synonyms:	AI256729; AW208790; IGFBP-5; IGFBP-5P
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC057447
 AAAAGAGCTAGGAAAGAGCTGCAAAGCTGTTTGGGCTTTTTTCCCCTTTTTGTTCTTTTTGTTACCCC
 CCCCTCGGTCTGCACCCCTTCTCCGGACTTCACGCAGAACCTGCGGGTTTGAAGAGGTGGTGACAGAGC
 AGGTGTTGGGGTCCAGGTTTGGTGGGTCTGGGTTTTTGCCTTTTTCCCCTCGATTTCAACATTTTC
 CCGATCTTGTGTGACCCGCCGACGCCTTTACCTGTTCTGCGGCAGCAGCGCAGCTGGCCGCTGAGACC
 GAGCGGAGTGGGTTGCGTTTTAGATTTTAAGCAAAGGGGGGAAAATTAAGCCCAATCCATTTTTTTCTT
 CACCTCCCTCCCTTTCAAGGCCTCCAAGCTAATTATTTCTGTTGCTTTGGAGTGAGCAATTCGTGGTTC
 TCTCCACCACCACCCCAATTCTGACCCGATCCCGCCTGGGGTTTCTACGGTCTCCGCTCGCTCGCT
 GCACCTGGCGCGCCTTTTTTTTCAACCCCAACCTGTTGCAAGTCTTTAATCCTCGCAATTGGGACTTGC
 GTGCAGGCATCTGAATCCTCCTTGCTCATATTTTGAAGTGTGGGGGAGAGCACCTGCTCTACCTGC
 AAGAGATTTAAAAGGAAAAAATCTCCAGGCTCCCTTTTCTCCACACTCTCGCTCTCCTGCCCGCC
 CCGAGGTAAAGCCAGACTCCGAGAAAAATGGTGATCAGCGTGGTCTCCTGCTGCTGGCCGCTATGCCGT
 ACCGGCTCAAGGCCTGGGTTCTTTCGTGCACTGTGAACCTGCGACGAGAAAGCTCTGTCCATGTGTCC
 CCCAGCCCTCTGGGCTGTGAGCTGGTCAAAGAGCCCGGCTGTGGTGTGCTGATGACTTGGCCCTGGCGG
 AGGGACAGTCGTGTGGCTTACACGGAGCGCTGCGCCAGGGTTTGCCTCAACGAAAAGAGCTACGGCGAGCAA
 GGAGAAGCCGCTGCACGCCCTGCTGCACGGCCGCGGGTTTGCCTCAACGAAAAGAGCTACGGCGAGCAA
 ACCAAGATAGAGAGAGACTCTCGGGAACACGAGGAACCCACCACCTCCGAGATGGCTGAAGAGACCTACT
 CCCCCAAGGTCTTCCGGCCCAAGCACACTCGCATTTCCGAGCTGAAGGCTGAGGCTGTGAAGAAGGACCG
 CAGAAAGAAGCTGACCCAGTCCAAGTTTGTGGGGGTGCAGAGAACACTGCCACCCAGAGTCATCCCT
 GCACCTGAGATGAGACAGGAATCCGAACAAGGCCCTGCCGACAGACATGGAAGCTTCCCTCCAGGAGT
 TCAAAGCCAGCCACGCATGGTGCCTGTGTGTACCTGCCAACTGTGACCGCAAAGGATTCTACAA
 GAGAAAGCAGTGTAAAGCCCTCCCGTGGCCGAAACGTGGCATCTGCTGGTGTGGACAAGTACGGAATG
 AAGCTGCCGGGCATGGAGTACGTGGATGGGGACTTTCAGTGCCACGCCTTCGACAGCAGTAACTGGTGT
 GACGCGTCCCTCCCTTCTCCCTATCTACCCCCAGCCCAACTCCAGCCAGCGCTCCCTCCAC
 CCCAGGACGTCACTCATTTCATCTCATTAGGGGAAATATATATACATATATATTGAGGAACTGAGGA
 CCTCGAATCTCTAGCAAGGGCTAAGGAGACACTCCCACCATGACCCCGGAAATGTATTCTTTTTGAA
 GCAAGTTGAACGGACAGAGAAGGGAAGGAGAGAAGAAGCAAGAGGGAGCGAGAGATGGAAAGAAAGCAA
 GCGTTGGAATAGAGGAAAAGAGGGAAGGACAGATAGGATTAGAGAGAGAAGAGAGAAACAGCAAGGCAGA
 AAGGACTCCACAACCAAGGCTGAATCTGCCCTTTTGTCTTTCAGCTCTAGCCTGGGGTCAAGAAAAGTGTG
 GCATTCAGTGACACCCAGTTTAGATTGGTCAAGGGGAGAAAAGAAACAAGGTGTGTGAGTGCCTCTCGGG
 TCTGTCCCTCCTGCAGCCAGCAGTGTGGATGGCTAGACCCTCACCTCCTCTCTTACCCAAGTGC
 AGGGTGATTTATCCCAAAATTTACAAAGACTAAAATGCATTCATCCCTCTGAAAAATAACAAAAGTGA
 GTGATTGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010518

Insert Size: 816 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>BC057447</u> , <u>AAH57447</u>
RefSeq Size:	2192 bp
RefSeq ORF:	816 bp
Locus ID:	16011
UniProt ID:	<u>Q07079</u>
Cytogenetics:	1 36.94 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.[UniProtKB/Swiss-Prot Function]