

Product datasheet for **MC200871**

Igfbp6 (NM_008344) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp6 (NM_008344) Mouse Untagged Clone
Tag: Tag Free
Symbol: Igfbp6
Synonyms: IGFBP-6
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC012723 sequence for NM_008344
 CCACGCCGTCCGGCAGCAGCAGCTGCACTGGACTCTCTGGAAGGAGTGTACAGGGCAAAAACCTTGACCA
 TGACCTGGGATGGGCTGCCACGCAGCCGCTGCTCATGCTGCTAATGCTGTTGTTTCGCTGCGGGCTCAGG
 GTCGCGCTTAGCGGGGTGCCCGGCTGCGGCGCTGGGATGCAGACTGGTTGTGCGGGGGCTGCGTGGAG
 GAGGAAGACGCGGGATCGCCTGCAGACGGCTGTACAGAAGCCGGAGGCTGTCTCAGGAGAGAGGGACAAC
 CGTGCGGGGTCTACAGCCCTAAGTGCGCCAGGACTGCAGTGCCAACCCCGAGAGAACGAAGAGGCC
 TTTGCGGGCGCTGCTAATCGGCCAGGGCCGCTGTCAACGCAGGAGGGCCGTCGGAGGAGACTACAAAG
 GAGAGCAAACCCCAAGGAGGTGCCTCCCGCTCTCGTGACACAAACACAGAGACCGGCAGAGAATCCAC
 GGACCTCTGCTGCCCTATACGGCCAATCCTGTTCAAGATAGTGAGATGGGCCCTGCCGAGACACTT
 GGATTCAGTACTGCAGCAGCTCCAGACTGAGGTCTCCGAGGCGGAGCACGTGGGCTCTATGTGCCAAAC
 TGTGACCTCAGAGGCTTCTACCGAAAGCAGCAGTGTGCTTCTCGCAGGGGAATCGCCGTGGCCCTGCT
 GGTGTGTGGATCCGATGGCCAGCCTTTGCCAGTGTCTCCAGATGGTCAAGGAAGCACTCAGTGCTCTGC
 CAGGAGCAGTGGGTGAAGCCCGAGGGAGCCTCCAGGACGCCAGGAAACAGGGGGCTGTCATTTGAGC
 TGTATGTGAAGCAATGAATAACTCTGTGCCCAAGACCCACCTTACGCCCCACCCATTGTCCTGTCA
 CCCTTGGGCCCTTACACAGCTAGTTAGAAAAGATTGCTGTTGGCTTGTGTACTAATAAAACAGTATTGGGG
 GGGTGTCTCTGGCAA

Restriction Sites: RsrII-NotI

ACCN: NM_008344

Insert Size: 717 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).



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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>BC012723</u> , <u>AAH12723</u>
RefSeq Size:	1046 bp
RefSeq ORF:	717 bp
Locus ID:	16012
UniProt ID:	<u>P47880</u>
Cytogenetics:	15 F2
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]