

Product datasheet for MC209816

Igfbp7 (NM_001159518) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp7 (NM_001159518) Mouse Untagged Clone
Tag: Tag Free
Symbol: Igfbp7
Synonyms: AGM; Fstl2; Mac25
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209816 representing NM_001159518
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGAGCGGCCGCCGCGCCCTGCTGCTGGGTGCAGCCGGACTGCTGCTCCTGCTCCTGCCCTCT
 CCTCTTCTCTCTTCGGATGCCTGCGGCCGTGCGTGCCGGCCTCTGCCCGCGCTGCCCGGCTCGG
 CTGCCCGCTGGGTGAGACCCGCGACGCGTGCGGGTGTGCCGGTGTGTGCTCGCGGCGAGGGTGAGCCG
 TGCGGGGGCGGCCGCCGCGCAGGGGGCACTGCGCGCCGGGCATGGAGTGCCTGAAGAGCCGAAGAGGC
 GGAAGGGTAAAGCCGGGGCAGCAGCCGGCGGTCCGCGACCCTCGCCGTGTGCGTGTGCAAGAGCCGCTA
 CCCGGTGTGCGGCAGCAACGGCATCACCTACCCAGCGGCTGCCAGCTGCGCGCTGCCAGCCTGCCGCGCC
 GAGAGCCGCGGGGAGAAGGCCATCACCCAGGTCAGCAAGGGCACCTGCGAGCAAGGGTCTCTGATATGGG
 ACACCCAACGAGCCAAAGGAGTCACAACCCACAGGTTGAGAACCCTGTTTTAGAGACAAGCACTCCAG
 AGAACAAGGTCTTCCATAGTGACGCCCCCAAGGACATCTGGAACGTCCTGGTCCAAAGGTGTTCTTG
 AGCTGTGAGGTGATCGGGATCCCAACCCTGTCTCATCTGGAACAAGGTAAGGATCACTCTGGAG
 TTCAGCGGACAGAACTCTTGCCTGGTGACCGGAAAAATCTGGCCATTGAGCCGGGGTGGTCCAGAAAA
 GCATGAAGTAACGGGCTGGGTGCTGGTATCTCCTTAAGTAAGGAGACGCTGGAGAGTATGAGTGCCAC
 GCATCCAACCCCAAGGGCAGGCTTCCGCGGCAGCCAAAATTACAGTGTTGATGCCCTCCATGAAATAC
 CACTGAAAAAAGGTGAAGGTGCTCAGTTA**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001159518



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Insert Size:	942 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>NM_001159518.1</u> , <u>NP_001152990.1</u>
RefSeq Size:	1213 bp
RefSeq ORF:	942 bp
Locus ID:	29817
Cytogenetics:	5 C3.3
Gene Summary:	Binds IGF-I and IGF-II with a relatively low affinity Stimulates prostacyclin (PGI2) production. Stimulates cell adhesion (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).