

Product datasheet for MC209815

Igfbp7 (NM_008048) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp7 (NM_008048) 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: >MC209815 representing NM_008048
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGAGCGGCCGCCGCGCCCTGCTGCTGGGTGCAGCCGGACTGCTGCTCCTGCTCCTGCCCTCT
 CCTCTTCTCCTCTTCGGATGCCTGCGGCCGTGCGTGCCGGCCTCTGCCCGCGCTGCCCGGCTCGG
 CTGCCCGCTGGGTGAGACCCGCGACGCGTGCGGGTGTGCCCGGTGTGTGCTCGCGGCGAGGGTGAGCCG
 TGCGGGGGCGGCCGCCGCGCAGGGGGCACTGCGCGCCGGCATGGAGTGCCTGAAGAGCCGAAGAGGC
 GGAAGGGTAAAGCCGGGGCAGCAGCCGGCGGTCCGCGACCCTCGCCGTGTGCGTGTGCAAGAGCCGCTA
 CCCGGTGTGCGGAGCAACGGCATCACCTACCCAGCGGCTGCCAGCTGCGCGCTGCCAGCCTGCCGCGCC
 GAGAGCCGCGGGGAGAAGGCCATCACCCAGGTCAGCAAGGGCACCTGCGAGCAAGGTCTTCCATAGTGA
 CGCCCCCAAGGACATCTGGAACGCTCACTGGTCCAAAGGTGTTCTTGAGCTGTGAGGTCACTCGGGATCCC
 AACCCCTGTCTCATCTGGAACAAGGTAAAAAGGGATCACTCTGGAGTTCAGCGGACAGAACTCTTGCT
 GGTGACCGGAAAAATCTGGCCATTGAGACCCGGGGTGGTCCAGAAAAGCATGAAGTAACGGGCTGGGTGC
 TGGTATCTCCTAAGTAAGGAGGACGCTGGAGAGTATGAGTGCCACGCATCCAACCTCCCAAGGGCAGGC
 TTCCGCGCAGCCAAAATTACAGTGGTTGATGCCCTCCATGAAATACCACTGAAAAAAGGTGAAGGTGCT
 CAGTTA**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_008048
Insert Size: 849 bp



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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:	NM_008048.3 , NP_032074.3
RefSeq Size:	1120 bp
RefSeq ORF:	849 bp
Locus ID:	29817
UniProt ID:	Q61581
Cytogenetics:	5 C3.3
Gene Summary:	Binds IGF-I and IGF-II with a relatively low affinity Stimulates prostacyclin (PGI ₂) production. Stimulates cell adhesion (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.