

Product datasheet for **RN201891**

Igfbp6 (NM_013104) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp6 (NM_013104) Rat Untagged Clone
Tag: Tag Free
Symbol: Igfbp6
Synonyms: IGF-BP6; RBP6A; RBP6G
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201891 representing NM_013104
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCTGGGACGGACTGCCACACAGCCGCTGTTGATGCTGTTAATGCTGTTGTTGCTGCGGGCTCCG
 AGTCCGCCTTAGCGGGTGCCCGGGCTGCGGGCCGGGGTGCAGGAGGAAGACCGGGGTCGCTGCAGA
 CGGCTGTCAGAGACCGGAGGCTGTTTCAGGAGAGAGGGCAACCGTGCAGGGTCTACATCCCTAAGTGC
 GCCCAGGACTGCAGTGCCAACCCGAGAGAACGAAGAGACACCTTTGCGGGCGCTGCTGATCGGCCAGG
 GCCGCTGTCAACGCGCCAGAGGGCCGTCGGAAGAGACTACCAAGGAGAGCAAACCCATGGAGGCGCCTC
 CCGCCACGTGACAGAGACCGGAAAAGAATCCACGGACCTCGGCTGCCCTATAAGGCCAGTCCCTGTT
 CAAGATGGTGAATGGGCCCTGCCGACAGACCTGGATTCACTGACGAGCTCCAGACTGAGGTCT
 TCAGAGGCGGAGCAAATGGGCTCTATGTGCCAACTGTGACCTCAGAGGTTTCTACCGCAAGCAGCATG
 TCGTTCCTCGCAGGGGAATCGCCGTGGTCCCTGCTGGTGTGGATCCGATGGGCCAGCCTTTGCCAGT
 TCTCCAGATGGCCAGGGAAGCTCTCAGTGCTCTGCCAGGAGCAGCGGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013104
Insert Size: 681 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:	<u>NM_013104.3</u> , <u>NP_037236.1</u>
RefSeq Size:	869 bp
RefSeq ORF:	681 bp
Locus ID:	25641
UniProt ID:	<u>P35572</u>
Cytogenetics:	7q36
Gene Summary:	high-affinity IGF binding protein with substantially greater affinity for insulin-like growth factor-II (IGF-II) than IGF-I [RGD, Feb 2006]