

Product datasheet for **RN204690**

Igfbp1 (NM_013144) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp1 (NM_013144) Rat Untagged Clone
Tag: Tag Free
Symbol: Igfbp1
Synonyms: IBP1; IGF-BP25; IGFBA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204690 representing NM_013144
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGGAGTTCCTAACTGTTGTTTCTTGGCCGTTCTGATCCTCCTGTCCTCCAGGTTCCGCTAGTCC
CTGGAGCCCCCAGCCATGGCACTGTGCTCCCTGCACTGCTGAGAGGCTGGAGCTCTGTCCACCCGTGCC
TGCTTCGTGCCCGAGATTTCTCGGCCTGCGGGCTGTGGCTGCTGCCGACATGTGCCTGCCACTGGGT
GCTGCCTGTGGTGTGGCCACTGCGCGCTGCGCTCAGGGACTCAGCTGCCGTGCGCTGCCAGGGGAGCCTC
GACCTCTGCATGCCCTCACCCGTGGCCAGGGAGCCTGTGTACTAGAACCTGCCGCACCCGCCACGAGCAG
CTTGTCGGTTTCTCAGCATGAAGAGGCAAAGGCTGCTGTGGCCTCTGAGGATGAGCTTGCCGAGAGCCCA
GAGATGACAGAGGAACAGCTGCTGGATAGCTTCCACCTCATGGCCCCATCCCGTGAGGACCAGCCCATCC
TGTGGAATGCCATTAGCACCTACAGCAGCATGCGGGCCCGGAGATCACTGACCTCAAGAAATGGAAGGA
GCCCTGCCAACGGAACTCTATAAAGTGTAGAGAGATTAGCTGCCGCTCAACAGAAAGCAGGAGATGAG
ATCTACAAATTTATCTGCCAACTGCAACAAGAATGGATTTATCACAGCAAACAGTGCGAGACATCTC
TGGATGGAGAAGCTGGGCTCTGCTGGTGTCTACCCATGGAGTGGGAAGAAGATCCCTGGATCTCTGGA
GACCAGAGGGGACCCCACTGCCACCAGTATTTAATGTGCAAAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013144
Insert Size: 819 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_013144.1 , NP_037276.1
RefSeq Size:	1500 bp
RefSeq ORF:	819 bp
Locus ID:	25685
UniProt ID:	P21743
Cytogenetics:	14q21
Gene Summary:	a modulator of a Insulin growth factor (IGF) bioavailability [RGD, Feb 2006]