

Product datasheet for RN214384

Igfbp4 (NM_001004274) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp4 (NM_001004274) Rat Untagged Clone
Tag: Tag Free
Symbol: Igfbp4
Synonyms: IBP4; IGF-BP4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214384 representing NM_001004274
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCCCTTCGGCCTCGTGGCCGCCCTGCTGCTGGCCGCAGGGCCTCGGCCGAGCCTGGGCGACGAAG
 CCATCCACTGCCCTCCTTGCTCCGAGGAGAAGCTGGCGCGCTGCCGCCCCCGTGGGTTGTGAGGAGCT
 GGTGCGGGAGCCTGGCTGCGGTTGTTGTGCCACTTGCGCCCTGGGCTTGGGGATGCCTTGCGGGGTGTAC
 ACCCCACGCTGTGGCTCAGGCATGCGCTGTACCCGCCCGGGGGTGGAGAAGCCCTGCGCACATTGA
 TGCACGGGCAAGGTGTATGCACGGAGCTGTCCGAAATCGAAGCCATCCAGGAAAGCCTGCAGACCTCTGA
 CAAGGATGAGAGTGAGCATCCCAACAACAGCTTCAACCCCTGCAGCGCCACGATCACAGGTGCCTGCAG
 AAGCATATGGCCAAAGTGAGAGATCGGAGCAAGATGAAGGTTGTGGGGACACCTCGGGAGGAACCCCGTC
 CTGTGCCCCAGGGTCTTGCCAGAGCGAGCTGCACCGGCCCTGGAACGACTGGCCGCCTCGCAGAGCCG
 TACCCACGAAGACCTCTTCATCATCCCCATCCCCAACTGTGACCGCAACGGCAACTTCCACCCCAAACAG
 TGTCATCTGCTCTGGATGGACAGCGTGGCAAATGCTGGTGTGTGGATCGGAAGACAGGGGTGAAGCTTC
 CAGGGGGCTTGAACCCAAGGGGAGCTGGACTGCCACCAACTGGCTGACAGCCTCCAAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001004274
Insert Size: 765 bp



[View online »](#)

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_001004274.2 , NP_001004274.1
RefSeq Size:	2194 bp
RefSeq ORF:	765 bp
Locus ID:	360622
UniProt ID:	P21744
Cytogenetics:	10q31
Gene Summary:	may be involved in prolonging the half-life of the insulin growth factor [RGD, Feb 2006]