

Product datasheet for **RR214384**

Igfbp4 (NM_001004274) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp4 (NM_001004274) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Igfbp4
Synonyms: IBP4; IGF-BP4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214384 representing NM_001004274
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGCCCTTCGGCCTCGTGGCCGCCCTGCTGCTGGCCGAGGGCCTCGGCCGAGCCTGGGCGACGAAG
CCATCCACTGCCCTCCTTGCTCCGAGGAGAAGCTGGCGCGCTGCCGCCCCCGTGGGTTGTGAGGAGCT
GGTGCGGGAGCCTGGCTGCGGTTGTTGTGCCACTTGCGCCCTGGGCTTGGGGATGCCTTGCGGGGTGTAC
ACCCACGCTGTGGCTCAGGCATGCGCTGCTACCCGCCCGGGGGTGGAGAAGCCCTGCGCACATTGA
TGCACGGGCAAGGTGTATGCACGGAGCTGTCCGAAATCGAAGCCATCCAGGAAAGCCTGCAGACCTCTGA
CAAGGATGAGAGTGAGCATCCCAACAACAGCTTCAACCCCTGCAGCGCCACGATCACAGGTGCCTGCAG
AAGCATATGGCCAAAGTGAGAGATCGGAGCAAGATGAAGGTTGTGGGGACACCTCGGGAGGAACCCGTC
CTGTGCCCCAGGGTTCTTGCCAGAGCGAGCTGCACCGGCCCTGGAACGACTGGCCGCCTCGCAGAGCCG
TACCCACGAAGACCTCTTCATCATCCCCATCCCCAACTGTGACCGCAACGGCAACTTCCACCCCAAACAG
TGTCATCTGCTCTGGATGGACAGCGTGGCAAATGCTGGTGTGTGGATCGGAAGACAGGGGTGAAGCTTC
CAGGGGGCTTGAACCCAAGGGGGAGCTGGACTGCCACCAACTGGCTGACAGCCTCCAAGAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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
MW:	27.7 kDa
Gene Summary:	may be involved in prolonging the half-life of the insulin growth factor [RGD, Feb 2006]