

Product datasheet for **RN208369**

Igfbp5 (NM_012817) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igfbp5 (NM_012817) Rat Untagged Clone
Tag: Tag Free
Symbol: Igfbp5
Synonyms: IGF-BP5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208369 representing NM_012817
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGATCAGCGTGGTCTCTGCTGCTGGCCGCTGTGCCGTGCCGGCTCAAGCCTGGGCTCTTTCG
TGCATTGTGAACCCTGCGACGAGAAAGCTGTCCATGTGTCCCCCAGCCCTCTGGGCTGTGAGCTGGT
CAAAGAGCCCGGCTGTGGCTGCTGCATGACTTGCGCCCTGGCGGAGGGACAGTCGTGTGGGTCTACACT
GAGCGCTGCGCCAGGGTTTGCCTCAACGAAAAGACTACGGCGAGCAAACCAAGATAGAGAGAGACTCTCGGGA
ACGGCCGCGGGTTTGCCTCAACGAAAAGACTACGGCGAGCAAACCAAGATAGAGAGAGACTCTCGGGA
GCATGAGGAACCCACCACCTCCGAGATGGCTGAGGAGACCTACTCCCGAAGGTCTTCCGGCCCAAGCAC
ACTCGATTTCCGAGCTGAAGGCCGAGGCTGTGAAGAAGGATCGCAGAAAGAAGCTGACCCAGTCTAAGT
TTGTGGGGGGCGCGGAGAACACTGCCACCCCGAGTCACTCCCTGACCTGAGATGAGACAGGAATCTGA
CCAAGGCCCTGCCGAGACACATGGAAGCTTCCCTCCAGGAGTTCAAAGCCAGCCACGCATGGTGCC
CGTGCCGTGTACCTGCCAACTGTGACCGCAAAGATTCTACAAGAGAAAGCAGTGAAGCCTTCTCGTG
GCCGCAAACGTGGCATCTGCTGGTGTGTGGACAAGTATGGGATGAAGCTGCCGGGATGGAGTACGTCGA
TGGGACTTTCAGTCCACGCCCTTCGACAGCAGTAACGTTGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012817
Insert Size: 816 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_012817.1 , NP_036949.1
RefSeq Size:	1630 bp
RefSeq ORF:	816 bp
Locus ID:	25285
UniProt ID:	P24594
Cytogenetics:	9q33
Gene Summary:	may be involved in ovarian folliculogenesis and may play a modulatory role in type I fiber-dominated muscles [RGD, Feb 2006]