

Product datasheet for **RN208211**

Igf2bp1 (NM_175594) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igf2bp1 (NM_175594) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Igf2bp1
Synonyms:	Imp1; ZBP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208211 representing NM_175594
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAAGCTTTACATCGGCAACCTCAACGAGAGCGTGACCCCGCAGACTTGGAGAAAGTATTTGCGG
 AGCACAAGATCTCTACAGCGGCCAGTTCTTGGTCAAATCCGGCTACGCCTTCGTGGACTGCCCGACGA
 GCACTGGGCGATGAAGGCCATCGAACTTTCTCGGGAAAGTAGAATTGCAAGGAAAACGCCTAGAGATT
 GAACACTCGGTACCCAAAAACAAGGAGTCGAAAAATACAGATCCGGAATATTCACCTCAGCTCCGAT
 GGGAAAGTCTGGATAGCCTTCTGGCCAGTACGGCACAGTGGAGAACTGTGAGCAAGTGAACACCGAGAG
 TGAGACGGCGGTGGTCAACGTCACTACTCTAACCGGGAGCAGACCAGGCAAGCCATCATGAAGTAAAT
 GGCCATCAACTGGAGAACCATGCCCTGAAGTTTCTACATACCTGATGAGCAGATAGCACAAAGTCTGT
 AGAATGGGCGCCGTGGAGCTTTGGGTCTCGAGGCCAGCCAGGAGGGGTACCCGGTAGCAGCAGGGGC
 GCCAGCCAAGCAGCAGCGGTGGACATCCCTCTCCGGCTCTGGTCCCCACGCAGTATGTAGGCGCCATC
 ATTTGGCAAGGAGGTGCCACCATCCGAAACATCAGAAACAGACTCAGTCCAAGATAGACGTGCACAGGA
 AGGAGAACCGGGGGCTCGGGAGAAGGCCATCAGTGTGCACTCGACCCCTGAAGGCTGCTCCTCGGCCTG
 TAAGATGATCTTGGAGATTATGCACAAGGAGGCAAGGACACCAAGACGGCAGACGAAGTTCCCTGAAG
 ATCCTGGCTCATAATAACTTCGTGGGGGCACTATTGAAAGGAAGGGCGGAAGTGAAGAAAGTGGAGC
 AGGATACAGAGACTAAGATCACCATCTCCTCGTCCAGGATCTCACGCTCTATAACCCTGAAAGGACCAT
 AACTGTGAAGGGGGCCATTGAGAAGTCTGCAGGGCTGAGCAGGAGATCATGAAGAAAGTTCGAGAGGCT
 TACGAGAATGACGTGGCTGCCATGAGCTGCAGTCTCACCTCATCCCTGGTCTCAACCTGGCTGCTGTGCG
 GTCTCTTCCAGCTTCTTAGTGCCGTTCCGCCTCTCCAGCAGCGTCACTGGGGCTGCTCCCTATGG
 CTCTTTCATGCAGGCTCCGGAGCAGGAGATGGTACAGGTGTTATCCCGCCAGGCTGTGGGCGCCATC
 ATCGGCAAGAAGGGCCAGCACATCAAACAGCTCTCCCGTTTCGCCAGCGCCTCCATCAAGATTGCTCCAC
 CAGAAACACCTGACTCCAAAGTTCGAATGGTTGTCACTACTGGACCCCGAGGGCTCAGTTCAAGGCTCA
 GGAAGAATCTATGGCAAATAAAGAAGAGAATTTCTTTGGTCCCAAGGAGGAAGTAAAGCTGGAGACC
 CACATCCGGTCCAGCTTACGAGCTGGCCGGTTCATTGGCAAAGGTGGCAAACGGTGAATGAGCTGC
 AGAACTTGACCGCAGCCAGGTGGTCTGCGGAGAGACCAGCCAGACGAGAACGACCAAGTCAATTGT
 TAAGATCATCGGACATTTCTATGCCAGCCAGATGGCCAGCGGAAGATCCGAGACATCTGGCTCAAGTT
 AAGCAGCAGCACCAAGGGACAGAGCAACCAGGCCAGGCACGAAGGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_175594
- Insert Size:** 1734 bp
- 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:

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_175594.2](#), [NP_783184.1](#)

RefSeq Size: 2105 bp

RefSeq ORF: 1734 bp

Locus ID: 303477

UniProt ID: [Q8CGX0](#)

Cytogenetics: 10q26

Gene Summary: plays a role in transport and intracellular localization of mRNA; involved in regulation of dendrite morphogenesis [RGD, Feb 2006]