

Product datasheet for **RN207390**

Ighmbp2 (NM_031586) Rat Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ighmbp2 (NM_031586) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ighmbp2 |
| Synonyms: | AEP |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >RN207390 representing NM_031586 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCGTACACCGTGGAGAGTTTTGTGGCCAGCAGCTACAGCTGTTGGAGCTAGAGCGGGACGCCG
AGGTGGAGGAGCGCAGGTCCTGGCAGGAACACAGTTCTCTGAAAGAGCTTCAGAGCCGAGGGGTGTGTTT
GCTGAAGCTTCAGGTATCGGGCCAGCGCACCGGGTTGTATGGACAGCGGCTGGTACCTTTGAGCCAGG
AAGTTTGGCCTGCAGTGGTCTCCAGCAACAGCTTCACTCTGGTGATATCGTGGTCTGTATGATA
CTAATGAAAGCAGCAACTGGCCACTGGGGTCTGACCCGCATCACCCAAAAATCGGTCAATAGTGGCCTT
TGATGAGTCCCATGATTTCCAGTTGAACCTGGACCGAGAAAATACCTACAGACTGCTGAAGCTTGCCAAT
GACGTCACCTACAAACGCTGAAAAAGCTCTGCTGACACTGAAGAAGTACCATTCTGGGCCAGCATCCT
CGCTCATTGATGTCTGTGGGTGGCTCCACCCAGTCTGCCACTGAAATACCCCGCTCACTTTCTA
CAACACGACCCTGGACCTTCCAGAAAAGAGCTGTGTCTTTGCGCTGGCGCAGAAAAGAGTTGCCATC
ATCCATGGGCCTCCTGGCACTGGGAAAACCACAACCTGTGGTGGAAATAATCCTTCAAGCTGTGAAGCAAG
GCTTAAAGGTTCTATGCTGTGCTCCCTCCAACATCGCTGTGGACAACCTGGTGGAGCGTCTGGCTCTGTG
CAAGAAGCAGATTCTTCGCTGGGTACCCCGCCGCTCCTGGAGTCTGTTGAGCAGCAGTCACTGGAC
GCAGTGTAGCAGCAGTGACAAATGCCAGATTGTTGCTGACATCAGAAGGGACATTGACCAGGCTTTTG
GCAAGAACA AAAAGACCCAAGATAAGAGAGAAAAAGTAATTTTCGAAATGAAATTAAGCTGCTAAGGAA
GAACTGAAGGAAAGGGAAGAAGCAGCCATAGTTCAGAGCCTCAGTGCAGCAGATGTGGTTCTAGCCACC
AACACAGGTGCATCTACTGATGGCCCCCTGAAGCTGCTGCCTGAGGACTACTTTGATGTGGTGGTGGTGG
ACGAGTGCGCCAGGCCCTAGAAGCCAGCTGCTGGATTCCCTGCTGAAGGCCCTAAGTGCATCTAGC
TGGAGACCACAACAGCTGCCACCCACCCTGTCTCTACAAGGCAGCACTGGCTGGGCTGTCCCGCAGC
CTGATGGAGCGTCTGGCAGAGAAGCATGGTGTGCTGTGGTAAGGATGCTGGCGGTCCAGTACCGAATGC
ACCAGGCCATCACGCGCTGGGCCCTGGAAGCCATGTACCACGGACAGCTCACTGCCCATCCCTCTGTGGC
AGGACACCTTCTGAAGGACCTCCAGGTGTGGCTGACACAGAGGAGACGAGTGTCCCTCTGCTGCTCATA



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GACACAGCTGGCTGCGGGCTGCTGGAGCTGGAGGAGGAAGACAGCCAGTCCAAGGGAAACCCCGGTGAAG
 TTCGCCTCGTCACTTTGCACATCCAGGCTCTGGTGGATGCTGGGGTCCAGGCTGGTGACATTGCCGTCAT
 CGCACCCTACAACCTTCAGGTGGATCTGCTCAGACAGAGCCTCTCTAACAAAGCACCTGAGCTGGAGATC
 AAGTCTGTTGACGGCTTCAAGGCCGAGAGAAGGAGGCTGTGATCCTGACCTTTGTCAAGTCCAACAGGA
 AAGGTGAAGTTGGTTTTCTGGCTGAGGACAGGCGGATCAATGTTGCTGTACCCGTGCTAGGCGGCATGT
 GGCGGTCATCTGTGATCCACACTGTCAACAACCACGCCTTTTGAAGACCTTGGTGGATTATTTTACA
 GAGCATGGGGAGGTACGCACAGCCTTTGAGTACCTGGATGACATCGTCCCTGAGAACTATACCCATGAGG
 GCTCCCGAGCCACAGTTGTGCCCCAAACCAAGTGCCCCACCACCTCAGTCAGAAAGCCTGCCAGTGC
 TCAGGAGAGTAGACAAGAGGCCAGAGCAGCCACTGGACACAGCCGAGGAAGCCAAGTGAGAAGCCCTA
 GGCTCTCAAGTCCAGCCCAGCACAGCTCCAAAGCAAATGGCTCTGACCGAACTGGAGGCACAGACCCGGA
 CAGAGCACTTTAGGGCTATGATTGAGGAGTTCGTGGCTAGCAAGGAGGCCAGTTGGAGTTTCCACATC
 CCTGAGCTCCCATGACAGACTTCGAGTCCACCAATTAGCTGAGGAGTTCGGGCTGAAGCATGACAGCACC
 GGGGAGGGGAAGGCACGGCACATCACAGTGAGCAGGAGGACCCTGCTGGTTCTGGCAGTGAACCCAC
 AACCTCCCTCACCGCCAGCCCTGCACAGGCTGAGCCTGAGCCTCAGGTAGAGCAGCCTGTAGGACAGCC
 ACATGGCTCCACACAGCTGGATCTGAAGGCACTTACCTGGAGAGGCTGCAGCGACAGCAAGGCTGCCAG
 GCCAGTCTCAGCTGGGCGGGGTTTCGAGGCCACAGAAGGCTCCACAGAAAGAAAAAGAAAAAGAACCGA
 AAGGCCAGCCATGGCTCTGCCCTCTGAGGAGGACTTCGATGCCCTAGTGTGAGCTGTGGTGAAGGCTGA
 CAACACCTGTAGCTTACCAAGTCTCGGCCAGCACCACCACGCTGGGCCAGTTCTGCATGCACTGTAGC
 CGCCGCTATTGCCTCAGCCACCATCTGCCCGAGATCCATGGCTGTGGTGAAGGCTCGTGCCCATGCC
 GGCAGAGGATTAGCCGGGAAGGAGTACTCTACGCAGGCACTGGGACCAAGGACAGGGCCCTGGACCCAGC
 CAAGAGGGCCAGCTGCAGAGGAACTGGACAAGAAGCTGGGCGAGCTCAGCAGCCAGAGGACAAGCAAG
 AAGAAGGAGAAGGAGAGGGGGACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_031586

Insert Size:

2967 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_031586.1, NP_113774.1

RefSeq Size:

3166 bp

RefSeq ORF:

2967 bp

Locus ID: 29532
UniProt ID: [Q9EQN5](#)
Cytogenetics: 1q42
Gene Summary: forms a DNA-protein complex with element B [RGD, Feb 2006]