

## Product datasheet for **MC222994**

### Ighmbp2 (NM\_009212) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ighmbp2 (NM_009212) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ighmbp2
Synonyms:	AEP; Catf1; nmd; RIPE3b1; sma; Smbp-2; Smbp2; Smubp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222994 representing NM_009212 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCTCGTCCACCGTGGAGAGTTTCGTGGCCAGCAGCTACAGCTGCTGGAGCTGGAGCGGGACGCCG  
AGGTGGAGGAGCGCAGGTCCTGGCAGGAACACAGTTCTCTGAGAGAGCTTCAGAGCCGAGGGGTGTGCTT  
GCTGAAGCTTCAGGTATCCAGCCAGCGCACAGGGCTGTATGGCAGCGGCTGGTACCTTTGAGCCAGG  
AAGTTTGGACCTGCAGTGGTCTTCTAGCAACAGCTTCACTCTGGTGATATTGTGGTCTGTATGATA  
CTAATGAAAACAGTCACTGGCCACTGGGGTCTGACCCGAATCACCCAAAATCAGTCACAGTGGCTTT  
TGATGAGTCCCATGATCTCCAGCTGAACCTGGACAGAGAGAATACCTACAGACTGCTGAAGCTTGCCAAC  
GATGTCACCTACAAACGCTGAAAAAGCACTGATGACACTGAAGAAGTACCACTCTGGGCCAGCATCCT  
CCCTCATAGACATCCTGTTGGGCAGCTCCACCCAAAGTCTGCCATGGAAATACCCCACTCTCTTTCTA  
CAACAACTCTGGACCTTTCCAGAAAGAAGCTGTGTCTTTGCACTGGCCAGAAAGAAGTGGCCATC  
ATCCATGGGCCTCCTGGCACTGGGAAACCACAAGTGTGGTGGAAATAATCCTTCAAGCTGTGAAGCAAG  
GCTTAAAGGTCTGTGCTGTGCTCCCTCCAACATCGCTGTGGACAACCTGGTGGAGCGTCTGGCTGTG  
CAAGAAGCGGATTCTGCGCTGGGTACCCCGCCGCTCCTGGAGTCCGTTCCAGCACCACTCACTGGAT  
GCAGTGTAGCACGCAGTGACAACGCCAGATTGTTGCTGACATCAGAAGGGACATAGACCAGGCTTTG  
GCAAGAACAAGAACGACGCAGGATAAGAGAGAGAAAGTAATTTTCGAAGTGAAATTAAGCTGCTAAGGAA  
GGAAGTGAAGGAGAGGGAAGAAGCAGCCATAGTTCAGAGCCTCACTGCGGCAGATGTGGTTCTAGCCACC  
AACACAGGTGCATCGTCTGATGGCCTCTGAAGCTGCTGCCTGAGGACTACTTTGATGTGGTGGTGGTGG  
ACGAATGTGCCAGGCCCTAGAAGCCAGCTGCTGGATCCCCCTGCTGAAGGCCCAAGTGCATCCTAGC  
TGGGGACCACAGACAGCTGCCACCCACCACCGTCTCTCACAGGGCGGCACTGGCTGGGCTGTCCCGCAGC  
CTGATGGAGCGTCTGGCAGAGAAGCATGGTGTGGTGTGGTGGAGGATGCTGACGGTACAGTACCGAATGC  
ACCAGGCCATCATGTGCTGGCCTCGGAGGCCATGTACCAGGGCAGCTTACTTCCCATCCCTCTGTGGC  
AGGACACCTCCTGAAGGACCTCCAGGCGTGACTGACACAGAGGAGACACGTGTCCCGCTGCTGCTCATA



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GACACCGCTGGCTGTGGGCTTCTGGAGCTGGAGGAGGAGGACAGCCAGTCCAAGGAAATCCGGGCGAAG  
 TTCGCCTCGTCACTTTGCACATCCAGGCTCTGGTGGATGCTGGGGTCCAGGCAGGTGACATTGCCGTCAT  
 CGCACCCTACAACCTTCAGGTGGATCTGCTCAGACAGAGCCTCTCCAACAAGCACCTGAGCTGGAGATT  
 AAGTCTGTTGATGGCTTTCAAGGCCGAGAGAAAGAGGCTGTGCTCCTGACCTTTGTCAAGTCCAATAGGA  
 AAGGTGAAGTTGGTTTTCTGGCTGAGGACAGGCGGATTAATGTTGCTGTTACCCGTGCTCGGCGGCACGT  
 GGCAGTCATCTGTGATTTCCACACTGTCAACAACCATGCTTTTTGAAGACCTTGGTGGATTATTTTACA  
 GAGCATGGGGAGGTACGCACAGCCTTTGAATACCTGGATGACATCGTCCCTGAGAACTACACCCATGAGG  
 GTTCCCAGGGCCACAGCCGTGTCCCAAACCAAGTGCCCAAGCACCTCCATCAGGAAGCCTGCCAGTGA  
 TCAGGAGAGTGGCCAGGAGACCAGAGCAGCCCTAGACATGGCCGAGGAAGCCAAGCGAGAAGCCCCCG  
 GGCTCTCACGTCCAGTCCAGCAGACTCCAGTGCAAATGGCTCTGACAGAACTGGAGGCCAGACCCGGA  
 CAGAGCACTTTAGGGCTACGATTGAGGAGTTTGTGGCTAGCAAGGAGTCCAGTTGGAGTTTCCACATC  
 CCTGAGTTCCCATGACAGGCTGCGAGTCCACCAGTTAGCTGAGGAGTTCCGGCTGAGGCACGACAGCACC  
 GGGGAGGGGAAGGCTCGGCACATCACAGTGAGCAGGAGGACCCTGCCAGCTCTGGCAGTGTAGCCCCAC  
 AGCCTTCTCACGCCCAGCCCTGCACAGGCTGAGCCTGAGCCTCGGGCAGAGGAGCCCGTACCCTCGT  
 GCAGGCACATTGCCCTGTACAGCTGGATCTGAAGGCACTGCATCTGGAGAGGCTGCAGCGCAGCAAAGC  
 TCCCAGGCTCAGACAGCCAAGGGTCAGCCAGGTGGGGACTCGAGGCCACAGAAGGCTTACAGAAGAAAA  
 AGAAAAAGAACCAAAAGGTCCAGTTATGGCTCTGCCCTGTGAGGAGGACTTCGACGCCCTGGTGTCTGC  
 TGTGGTGAAGGCTGACAACACTGTAGCTTCTCCAAGTGTCTGGCCAGCACCACCACTCTGGGCCAGTTC  
 TGCATGCACTGTAGCCACCGCTACTGCCTCAGCCACCACTGCCTGAAATCCACGGCTGTGGAGAAAAGG  
 CTCGTGCCCATGCCCGCCAGAGGATTAGCCGGGAAGGAGTGTGTATGCAGGCAGTGGGACCAAGGACAG  
 GGCCCTGGACCCGGCCAAGAGGGCCAGCTGCAGAGGAGGCTGGACAAGAAGCTGGGCGAGCTCAGCAGC  
 CAGAGGACAAGCAGGAAGAAGGAGAAGGAGAGGGGGACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_009212

**Insert Size:**

2982 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\\_009212.2](#), [NP\\_033238.2](#)

**RefSeq Size:**

5562 bp

**RefSeq ORF:**

2982 bp

Locus ID: 20589

Cytogenetics: 19 3.03 cM