

Product datasheet for **RN212959**

Hmgxb4 (NM_001107412) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hmgxb4 (NM_001107412) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hmgxb4
Synonyms:	Hmg2l1; Hmgb2l1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212959 representing NM_001107412
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTATGATGACTCCATGAAGAAAGAAGATTGCTTTGATGGTGATCACAGCTTTGAGGACATAGGAC
 TTGCAGCTGGCCGAAGCCAACGAGAAAAGAAGCGGTCTTACAAAGATTTCTTAAGGGAAGAGGAGGAAGT
 TGCTGCGCAGGTCAAGAGTTCTTCCAAGAAGAAGTCAAAGGACAGTGATCTGTTCTTCTGGGGACGGAC
 ACACACAAGAAGAAGAGGAAGCACTCCCCGATGATTTCTACTATGGAGACATTTGACTTTGGAATCAT
 CACAGAAGAAAAGAAGAAATCTAGTCCACAGTCTCCTGACACAGCAATGGACCTGTTGAAAGCTATCAC
 CTCCCCGCTGGCAGCAGGGGCCAAGTCTCTAAGAAGGCAGGGGAGAAATCCTGCAGTCTTCAAGCCAT
 TCAGAGAGCAGAAAGAACACCACAAGAAGAAGGGCAACGGCAGCACTGGAGAGCCCTCCCTGGATGACA
 GCAATGCCCAAAACCCAAAAGAATGAAGCCATTGTACGTGAACACAGAGACGCTGACTCTCCGAGAGCC
 TGACGGCTTAAAGATGAGACTTATTCTCTACCAAAGGAGAAGGGGAGCAGCTCAGTGGAGAGGAGGCT
 TTTCAGTACCCTGCCCAACAGGCTTCTCTGAAGAAGCCCTCCAAGAAATTAGCTCGAGAAGCAAGGTG
 CTTTACTCCTAGGACACGAGCTACAGAGCCTCCTAAAAACGGCCCGGAAGAAGCAAGTATCCTCGGA
 CTCGCACTCCTCTCCTGGCCAGAAGGCTGTGGGTGGATGGCTCCAGCTTCCAGAACCCACAGTGCC
 AATCTCGACATCACAGGGCTTGACCAATCCTAGTGGAGTCAGAGTCGTCTCAGCTGGGGAGCTGGAGG
 CCGGGGAGCTGGTGATAGACGACTCCTACAGGGAGATCAAGAAGAAGAAGTCAAAAAGAGCAAGAA
 GAAGAAGGACAAGGACAGACACAAGGAGAAGCGGCACTCCCGACCAAGAGGAGCTTACCAGAGAGCAT
 GGCCTGCCCGAGAGCACATGCTGGTATCCAGCCCTGCCTCCAGTATCCCCACCTGCCACTTCTGCTC
 TACACACAGACGGACATGGGGAGAAGAAGAAGAAAAGGAAAGGACAGAGAGAGAGAGGGGGAGA
 AAAGCCGAAAAAGAAGAACATGTCTGCCTACCAGGTATTCTGTAAGGAATACCGGTAACCATTGTGGCT
 GACCATCCAGGTATAGATTTTGGGAACTTAGTAAAAAATTGGCTGAAGTATGGAAGCAGTTGCCAGAAA
 AAGACAACTGATCTGGAAGCAAAGGCTCAGTATCTGCAGCACAAACAGAACAAAGCTGAAGCCACAAC
 TGTGAAAAGAAAAGCGTCCAGTGCAGAAGGCACCATGAAAGTCAGAGCTTCTTGTGGGAATACTTTCA
 CCCAAAAGAAAGTCCCACCGACCACAATGCTTTTCCAGCCTCACCAGCCAAAGCTCCTGAAACCGAGC
 CCATTGATGTCGCGCTCATCTCCAGTTGCTGGGAGAGTCCCTCAGCCTCATTGGACACCGCCTGCAGGA
 GACAGAGGGCATGGTAGCAGTGTCCGAAGCTTGTGAGTCTCCTGGACTCCATTATCTGTGCTCTTGGC
 CCTTTGGCATGCCTGACCACAACTACCTGAAGTGAATGGCTGTCTAAACAGGCTTGAAGTTTGCTG
 TGAGGAACGGCACCCAGGAGAGGCCAAGGAAGGCATGTATCGTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107412
- Insert Size:** 1797 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_001107412.1](#), [NP_001100882.1](#)

RefSeq Size: 2263 bp

RefSeq ORF: 1797 bp

Locus ID: 307667

Cytogenetics: 19p11