

Product datasheet for **RN202856**

Hmgb2 (NM_017187) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hmgb2 (NM_017187) Rat Untagged Clone
Tag: Tag Free
Symbol: Hmgb2
Synonyms: Hmg2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202856 representing NM_017187
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCAAGGGGACCCCAACAAGCCGCGGGGCAAGATGTCTCGTACGCCTTCTTCGTGCAGACCTGCC
GGGAGGAGCACAAGAAGAAGCATCCCGACTCGTCGGTCAACTTCGCCGAGTTCTCGAAGAAATGTTCCGGA
GAGATGGAAGACCATGTCTGCCAAGGAAAAGTCAAGTTTGAGGATTTGGCCAAGAGCGACAAAGCTCGT
TATGACAGGGAGATGAAGAACTATGTTCCCTCCAAAGGTGATAAGAAAGGAAAGAAAAAGATCCAAATG
CTCCCAAGAGACCACCGTCTGCCTTCTTCTGTTTTGCTCTGAACATCGCCCAAAGATCAAAGTGAACA
CCCCGGCCTGTCTATTGGAGATACTGCAAAGAACTGGGGGAGATGTGGTCTGAGCAATCTGCCAAAGAT
AAACAACCGTATGAGCAGAAAGCAGCTAACTAAAGGAGAAGTATGAAAAGGATATTGCTGCATACCGTG
CCAAGGGCAAAGTGAAGTAGGAAAGAAGGGTCTGGTAGGCCAACAGGCTCAAAGAAGAAGATGAACC
AGAAGATGAGGAAGAGGAGGAGGAGGAGGAAGATGATGAAGATGAAGAGGAGGAAGATGAGGATGAAGAA
TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017187
Insert Size: 633 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_017187.2 , NP_058883.1
RefSeq Size:	1225 bp
RefSeq ORF:	633 bp
Locus ID:	29395
UniProt ID:	P52925
Cytogenetics:	16p11
Gene Summary:	non-histone chromosomal DNA-binding protein; proteins of this family are associated with chromatin and ubiquitously distributed in the nucleus of eukaryotic cells [RGD, Feb 2006]