

Product datasheet for **SC209103**

HMGB2 (NM_001130688) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HMGB2 (NM_001130688) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HMGB2
Synonyms: HMG2
ACCN: NM_001130688
Insert Size: 734 bp
Insert Sequence: >SC209103 3'UTR clone of NM_001130688
 The sequence shown below is from the reference sequence of NM_001130688. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGAGGAAGAGGATGAAGATGAAGAAATAATGGCTATCCTTTAATGATGCGTGTGGAATGTGTGTGTG
TGCTCAGGCAATTATTTTGCTAAGAATGTGAATCAAGTGCAGCTCAATACTAGCTTCAGTATAAAAAC
TGACAGATTTTGTATAGCTGATAAGATTCTCTGTAGAGAAAATACTTTTAAAAAATGCAGTTGTAG
CTTTTGTATGGGCTACTCATAACAGTTAGATTTTACAGCTTCTGATGTTGAATGTTCTAAATATTTAAT
GGTTTTTTAATTTCTTGTGTATGGTAGCACAGCAAACCTGTAGGAATTAGTATCAATAGTAAATTTTG
GGTTTTTTAGGATGTTGCATTTTCGTTTTTTAAAAAATTTTGAATAAAATTATGTATATTATTCT
ATTGTCTTTGTCTTAATATGCTAAGTTAATTTCACTTTAAAAAAGCCATTTGAAGACCAGAGCTATGT
TGATTTTTTTTCGGTATTTCTGCCTAGTAGTTCTTAGACACAGTTGACCTAGTAAAATGTTTGAGAATTA
AAACCAACATGCTCATATTTGCAAAATGTTCTTTAAAAGTTACATGTTGAACTCAGTGAACCTTTATAA
GAATTTATGCAGTTTACAGAACGTTAAGTTTTGACTTGACGTTTCTGTTTATTAGCTAAATTGTTCC
TCAGGTGTGTATATATATATACATATATATATATATATATATATATATATATATATATATATATATAT
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001130688.1</u>
Summary:	This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq, Jul 2008]
Locus ID:	3148
MW:	28.4