

## Product datasheet for **SC123212**

### HMGB4 (NM\_145205) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HMGB4 (NM_145205) Human Untagged Clone
Tag:	Tag Free
Symbol:	HMGB4
Synonyms:	dj1007G16.5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_145205 edited AGTCGGAAAAATTCGCTGCAAGTACAGCACTTTCTAGATTGCTCCTGGAGTGTGGGAACA ACAGTCTCTCCTGTCCACGTTACTGAATCCAGAAAAAGGTGAACCTACGAACATGGGAA AAGAAATCCAGCTAAAGCCTAAGGCAAATGTCTCTTCTTACGTTCACTTTTTGCTGAATT ACAGAAACAAATTCAAGGAGCAGCAGCCAAGTACCTACGTTGGCTTTAAAGAGTTCTCTA GAAAGTGTTCGGAAAAATGGAGATCCATCTCAAAGCATGAAAAGGCCAAATATGAAGCCC TGGCCAAACTCGACAAAGCCCGATACCAGGAAGAAATGATGAATTATGTTGGCAAGAGGA AGAAACGGAGAAAGCGGGATCCCCAGGCACCCAGACGGCCTCCATCATCTTCTACTCT TCTGCCAAGACCACTATGCTCAGCTGAAGAGGGAGAACCCGAACCTGGTCGGTGGTGCAGG TGGCCAAGGCCACAGGGAAGATGTGGTCAACAGCGACAGACCTGGAGAAGCACCCCTATG AGCAAAGAGTGGCTCTCCTGAGAGCTAAGTACTTCGAGGAACTTGAACCTTACCGTAAAC AATGTAATGCCAGGAAGAAGTACCGAATGTCAGCTAGAAACCGGTGCAGAGGGAAAAAGAG TCAGGCAGAGCTGATGGATCCAGTTTAAAAAACAAAATGCCATTCAACCAAAAAAAAAA AAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_145205 unedited NACGTTAGCATTTGTATACGACTCATATAGGCGGCCGCATAAATTCGTATAGCATACATT ATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGTCGG AAAAATTCGCTGCAAGTACAGCACTTTCTAGATTGCTCCTGGAGTGTGGGAACAACAGTC TCTCCTGTCCACGTTACTGAATCCAGAAAAAATGTGAACCTACGAACATGGGAAAAAGAA TCCAGCTAAAGCCTAAGGCAAATGTCTCTTCTTACGTTCACTTTTGTGAATTACAGAA ACAAATTCAGGAGCAGCAGCCAAGTACCTACGTTGGCTTTAAAGAGTTCTCTAGAAAGT GTTTCGGAAAAATGGAGATCCATCTCAAAGCATGAAAAGGCCAAATATGAAGCCCTGGCCA AACTCGACAAAGCCGATACCAGGAAGAAATGATGAATTATGTTGGCAAGAGGAAGAAAC GGAGAAAGCGGGATCCCCAGGCACCCAGACGGCCTCCATCATCCTTCTACTCTTCTGCC AAGACCACTATGCTCAGCTGAAGAGGGAGAACCCGAACTGGTCGGTGGTGCAGGTGGCCA AGGCCACAGGGAAGATGTGGTCAACAGCGACAGACCTGGAGAAGCACCCCTATGAGCAA GAGTGGCTCTCCTGAGAGCTAAGTACTTCGAGGAACTTTGACTCTACCGTANACAATGTA ATGCCAGGAAAGAGTACCGAATGTCAGCTAGAAACCGGTGCAGAGGAAAAAGATCANGC AGAGCTGATGGATCCAGTTTGGAAAAACAAAATGCCATTTGCACCAAAAAAAAAAAAAAA CTCTCAGCGCTGGATCCGCCATAANGGCCGATCCTTCGAGGGGGCCCGGTACCGATTT CAG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_145205
<b>Insert Size:</b>	731 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_145205.3</a> , <a href="#">NP_660206.2</a>
<b>RefSeq Size:</b>	2352 bp
<b>RefSeq ORF:</b>	561 bp
<b>Locus ID:</b>	127540
<b>UniProt ID:</b>	<a href="#">Q8WW32</a>
<b>Cytogenetics:</b>	1p35.1
<b>Protein Families:</b>	Transcription Factors