

Product datasheet for **SC105994**

HMG2L1 (HMGXB4) (AJ010069) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HMG2L1 (HMGXB4) (AJ010069) Human Untagged Clone
Tag:	Tag Free
Symbol:	HMG2L1
Synonyms:	HMG2L1; HMGBCG; THC211630
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AJ010069, the custom clone sequence may differ by one or more nucleotides

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CCAAAAAGAAGAACATGTCGGCCTACCAGGTGTTCTGTAAAGAGTATCGCGTGACCATTGTGGCTGACC
ATCCAGGTATAGATTTTGGGAACTTAGTAAAAAACTGGCTGAGGTGTGGAAGCAATTACCAGAAAAAGA
CAAACGTATTTGGAAGCAAAAAGCTCAGTATCTGCAGCACAAACAGAACAAGCAGAAGCCACAACCTGTG
AAAAGGAAAGCATCCAGCTCAGAAGTTCCATGAAAGTCAAAGCCTCTTCTGTAGGAGTACTGTCACCCC
AGAAGAAGTCCCCACCCACCACCATGCTGTTACCAGCCTCACCAGCCAAAGCCCTGAGACAGAGCCCAT
TGATGTTGCTGCTCATCTTCAGCTGTTGGGAGAGTCCCTAAGCCTCATTGGACACCGTCTGCAGGAACT
GAGGGTATGGTGGCTGTGTCTGGCAGTCTGTCAGTGTCTTGGATTCCATTATCTGTGCCCTTGGCCCT
TGGCATGTCTCACCACACAACCTACCTGAATTGAATGGCTGTCCAAACAGGTCTTGTCAAACACATTAGA
CAACATTGCTTACATCATGCCGGGACTGTGACAGCAAAGAATCCTGGGACAGAAACCTTATCCTACACCA
TTGCTGGTTTGTGTATATGACTGTTGCAGATTCCTTCAGTGGCCTCTGGCTGTAGTTTTAAATTTTT
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CATCACTGACCATTTGCCTTACCTGTCTTAGTCTGAAATGTAATAGGAAAGATAACGGGAAGATGCCAGT
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5' Read Nucleotide Sequence:

>OriGene 5' read for AJ010069 unedited
 TTCAAATTTNTGTATACGACTACTAATAGGNCGGCCGCGNAAATTTTCGGCACGAAGGN
 CACAANATTGGGCACTAGTTGAAAAAAAAAAGAAAAAGAGAAGGACAAAGAGAGA
 GAGAGAGGAGAAAGCCAAAAAGAAACATGTCCGCCTACCAGGTGTTCTGTAAAGAGTAT
 CGCGTGACCATTGTGGCTGACCATCCAGGTATAGATTTTGGGGAAGTTAGTAAAAAAGT
 GCTGAGGTGTGGAAGCAATTACCATGAAAAAGACAAACTGATTTGGAAGCAAAAGCTCA
 GTATCTGCAGCACAAACAGAACAAAGCAGAAAGCCACAACCTGTGAAAAGGAAAGCATCCAG
 CTCAGAAGGTTCCATGAAAGTCAAAAGCCTCTTCTGTAGGAGTACTGTCACCCAGAAAGA
 AGTCCCCACCCACCACCATGCTGTTACCAGCCTACCAGCCAAAGCCCCTGAGACAGAGC
 CCATTGATGTTGCTGCTCATCTTCAGCTGTTGGGAGAGTCCCTAAGCCTCATTGGACACC
 GTCTGCAGGAAACTGAGGGTATGGTGGCTGTGTCTGGCAGTTTGTGAGTCTTCTGGATT
 CCATTATCTGTGCCCTTGGCCCTTGGCATGTCTACCACACAACCTACCTGAATTGAATG
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 TGTGACAGCAAAGAATCCTGNGACAGAAACCTTATCCTACACCATTGCTGGNNTTGTGTA
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 TATACATACATATATACCATATATATAATGTCCAATATATACANTAGAACTGAAACT
 ACTTTGCTTTTTAATAAATNTAATGAAAATGNCCAAAAGGNNTTAGCCAAGAAGGAAAAT
 NTTNGNCATGAAATACANGNCNTNGNGAATNNCTTNTTNNCTGTNGNNGGNATNAAA
 TA

3' Read Nucleotide Sequence:

>OriGene 3' read for AJ010069 unedited
 GTCTATGNAACCGCGCCGCATNCTAGNGATCGGTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TT
 AATTTTATTTCTTTATACAACCTGTAAGGGGATTTGGATCAAACCCCTAAAATTTTTTTAA
 AAAACAAAATAAAAACAATGATTTAAAAACTGCAAAAAGGGCTGAATCCAAAGTTTTTCCC
 CTAATAGTCCCAAATCCCCAGGGGACAAATTATTATACAATGTGTCCAAATTTTAAAT
 ACCAATCCCATAGGGCTGGGTTTCAAAGGAAAACAAAACAAAAGCCGGTCCCCATCAGGA
 TTTTCAATATGTATATAAAAGACAATGCCAGGATTAAGGCTTCTATACTATCCATGTC
 TTCCCCCCCCCTCTAAATACCCTGGGTCAAACAGGAACTTCCACAAATACCGAAAAGG
 CCTGGTCCAATGTTTTAACCCCTGAAATCAAGTTAAAATTTCTGTTCCCTTGATTTTGG
 TTCCCAAACAAACCTGTTTCTCTGTATTCCAATTAATCTTAAAACCTGCTCTGAGCTGA
 AAAAGGGATTCAACACCCCAACTACCTTTAAGCAACATAACCCTGTGACAACCCTGGTGG
 GGGGAAGGGAAAAAATAAATTGGATGCCAATGGGCTACACTGTCCCCAAAATTTACTT
 TGATGCCGTAGTGCCTTGTCCCGCCCGGAAAAAAAACCCATTTTACTCCAAACTTGGT
 GTTGGCGAAAATCTTACCCATTTAAAACCTTCTGAAATGCTAACTGTCTTTTTTCCA
 CTGGGAAACAACTTGGGTCCTTTGAAAAAGCCACTGGGGAGGGGAACATCCCCCTTAT
 TTACCTTTCAAATTTTGAACCCCGAATCTTTTAAAAATA

Restriction Sites:

NotI-NotI

ACCN:

AJ010069

Insert Size:

2750 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: [AJ010069.1](#), [CAA08991.1](#)

RefSeq Size: 2746 bp

RefSeq ORF: 2746 bp

Locus ID: 10042

Cytogenetics: 22q12.3

Domains: HMG

Protein Families: Transcription Factors

Gene Summary: High mobility group (HMG) proteins are nonhistone chromosomal proteins. See HMG2 (MIM 163906) for additional information on HMG proteins.[supplied by OMIM, Nov 2010]