

## Product datasheet for MC211131

### Hexim2 (NM\_001130515) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hexim2 (NM\_001130515) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hexim2  
**Synonyms:** 4933402L21Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211131 representing NM\_001130515  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCCACTGTGAACCATACCAACTGCAACACAGCGTCACCAGCTGCTCTGGAGGAGGCCAAGACTTCCG  
GTGGTCTTCGGAGCCCCAGATAGCCCATGAGCCTCATGACTTCGGTGGTCCCAGCTTCTGCCATCAGG  
ACAGGAGATCCAATCAGAGGATGAAGGGACTGTCCCGCTGGCGATGGCTCAAGTTGTAACATTAGGGGT  
TCTCGAACCCAGAGCCCAGGGGGCTGTTCCGGTGGAGGCGGTGCTGGCCCGAAAGAAGCACCGTAGGCGGC  
CATCGAAGCGCAAGCGGCACTGGCGGCCCTACTTGGAGCTGAGCTGGGCCGAGAAGCAACAGCGAGATGA  
GAGGCAGAGCCAGAGGGCCTCTCGGGTCCGTGAGGAGATGTTCCGCAAAGGTGAGCCCTGGCGCCCTAC  
AACACCACCCAGTTCTCATGAATGATCGTGACCTGGAGGAGCCTAACCTCGATGTGCTTACGGGCCCT  
CCCCTCTGGCTCCGGTGGGAGAACGAAGCAGGGGACAGTGTGGCAAGGCCGAGCCCATGGGAATT  
TCAGCAGAGGGACTTCTCTGAGGCCTATGAGCGGTACCACACTGAGAGCCTTTCAGGGCCGAGCAAGCAG  
GAGCTGGTGGAGACTACCTGGATCTAGAGAGGCGTCTGTACAGGCTGAGCAGGAACTCGGAGGCTCC  
GGCAGCTGCAGGGTTGCTCCAGCAGGCAACCCTGTCAACAGGTGGAAGAGCTGGCTGCTGAGGTGGAGAG  
GCTCAGAACTGAAAACCCAGCGGCTGCGTCAGGAGAACGAGATGTGGAACCGAGAGGGCGGCTACTGTGAC  
CAGGAGAAACCCAGCCTCAGAAGGGACCCCTTGGCCCAAGGTTGAAGCCCCATTTAGACCCACACAGGCC  
AGCTGGGTATAGGGAGGCAGGTGACAGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001130515  
**Insert Size:** 942 bp



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<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>	<u><a href="#">NM_001130515.1</a></u> , <u><a href="#">NP_001123987.1</a></u>
<b>RefSeq Size:</b>	1899 bp
<b>RefSeq ORF:</b>	942 bp
<b>Locus ID:</b>	71059
<b>UniProt ID:</b>	<u><a href="#">Q3TVI4</a></u>
<b>Cytogenetics:</b>	11 E1
<b>Gene Summary:</b>	Transcriptional regulator which functions as a general RNA polymerase II transcription inhibitor. In cooperation with 7SK snRNA sequesters P-TEFb in a large inactive 7SK snRNP complex preventing RNA polymerase II phosphorylation and subsequent transcriptional elongation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1.