

## Product datasheet for **MC201509**

### Hyi (NM\_026601) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hyi (NM\_026601) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hyi  
**Synonyms:** 2700033B16Rik; 6430559E15Rik; HT036  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC024619 sequence for NM\_026601  
CTCGCCGCGCCTTCTGCTCGCATGGCTCCGCTCCGCTTTTCGGCCAACGCTCCTGGCTGTTCCAGAG  
CTCCCCGGGCTCCCCGAGCGGCTGCACGCGCGGCGCCGTGCGGGCTTCAAAGCGGCCGAGGTGGCCTGGC  
CGTACACTGAGTCCCCCAGGCGCTGGCGAGCGCGGCGCAGACTGCGGGACTGCGGCTGGTCTCATCAA  
CACGCCGCGGGGAGACCATGAGAAGGGGAGATGGGGCTGGGGCGCTCCCCGGGAGACAGGCGGCCTTC  
CGAGAGGGGCTGGAGCAGGCTGTGCTGTATGCCAAGGCTCTGGGCTGCCCCAGGATCCACCTGATGGCTG  
GCCGAGTACCCCAAGGGGCTGACCGGGCTGCAGTCAAGGGGAGATGGAGCGGTTTTTGTGGAGAATCT  
GAAGCATGCAGCTGGCGTTCTGGCTCAGGAGAACCTCGTGGGACTGCTGGAGCCCATCAACACCCGCATC  
ACAGACCCCAAGTATTTCTGGACACACCCCGGCAAGCGGCAGCCATCTGCAGAAGTTGGGAGACCCA  
ATCTGCAGTTGCAGATGGACATATCCACTGGCAGATCATGGATGGGAATCTCACAGGAAACATCAGGGA  
GTTTCTGCCCACTGTCGGGCATGTGCAAGTGGCCAGGTCAGACCGTGGGGAGCCAAGCAGTTCTGGA  
GAGCTAGACTTTACTTACCTGTTTCAGCTGCTAGAAGATGAGGGCTACCAAGGATTTGTGGTTGCGAGT  
ATCGGCCCTCGAGGAGACAGTGGAGGGTCTGAGTTGGCTACGTTCATACTGGGACAGCCGGGGCCACCC  
ACGGACTGGCCAGTAAGGTTCTGCACAGCACCTGCATGCTGCCCTGGGGCGGTGTGCTAGTGTCCGGAGT  
CCCCTCTCTGAATTAATCACAACACTGAGCGTTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_026601

**Insert Size:** 834 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).



[View online »](#)

<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="#">BC024619</a> , <a href="#">AAH24619</a>
<b>RefSeq Size:</b>	959 bp
<b>RefSeq ORF:</b>	834 bp
<b>Locus ID:</b>	68180
<b>UniProt ID:</b>	<a href="#">Q8R1F5</a>
<b>Cytogenetics:</b>	4 D2.1
<b>Gene Summary:</b>	<p>Catalyzes the reversible isomerization between hydroxypyruvate and 2-hydroxy-3-oxopropanoate (also termed tartronate semialdehyde).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the coding variant that is expressed in some strains, including FBV/N, CZECHII, and CD-1. Sequence Note: This RefSeq record was created to represent the transcript and the full-length, functional protein that is expressed in several strains. It does not contain a short deletion that causes a frameshift in the coding region of the strain of the reference genome, C57BL/6J.</p>