

## Product datasheet for **MC201193**

### Khk (NM\_008439) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Khk (NM\_008439) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Khk  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:**

```
>BC013464 sequence for NM_008439
GGAAGCTTGGGGAGCAGCCTCATGGAAGAGAAGCAGATCCTGTGCGTGGGGCTGGTGGTGGTGGACATCA
TCAATGTGGTGGACAAATACCCAGAGGAAGACACGGATCGCAGGTGCCTGTCCCAGAGATGGCAGCGTGG
AGGCAACGCATCCAACCTCCTGCACTGTCCCTTCCCTTGCTTGGAGCCCGCTGTGCCTTCATGGGCTCTTTG
GCCCCGGCCACGTTGCCGACTTCTGGTGGCTGACTTCAGGCAGAGGGGCGTGGATGTGTCTCAAGTGA
CTTGGCAGAGCCAGGGAGATACCCCTTGCTCTTGTGTCATCGTCAACAACCTCCAATGGCTCCCGTACCAT
TATACTCTACGACACGAACCTGCCAGATGTGTCTGCTAAGGACTTTGAGAAGGTCGATCTGACCCGGTTC
AAGTGGATCCACATTGAGGGCCGGAATGCATCGGAACAGGTGAAGATGCTGCAGCGGATAGAGGAGCACA
ATGCCAAGCAGCCTCTGCCACAGAAGGTCCGGGTGTCGGTGGAGATAGAGAAGCCCCGTGAGGAGCTCTT
CCAGTTGTTTAGCTATGGTGAAGTGGTGTGTTGTACAGTCAAGTGAAGAAAGGGGCTACGCTTGTCTGGGCTG
GCAGTGGAGGCCCTGAGGGGCTTGTACAGTCAAGTGAAGAAAGGGGCTACGCTTGTCTGGGCTGGGCTG
AGGAGGGTGCCGATGCCCTGGGCCCGATGGTCAAGTGCCTCCACTCAGATGCCTTCCCACCGCCCGAGT
AGTAGACACTCTTGGGGCTGGAGACACCTCAATGCCTCTGTCTCTTCAAGCCTCTCGAAGGAAACAGC
ATGCAAGAGGCCCTGAGATTCCGGTGCCAGGTGGCTGGCAAGAAGTGTGGCTTGCAGGGGTTTGTGGCA
TTGTGTGAGAGGCAAGCGGCACCTGCTCGATACCTCAGAGGCTGGCACCATGCCTGCCACTGCCTTCTCT
ACTTCTCCAGCTTAGCATCCAGCTGCCATTCCCCGGCAGGTGTGGGATGTGGGACAGCCTCTGTCTGTG
TCTGCGTCTGTATACCTATCTCTCTCTGCAGATACCTGGAGCAAATAAATCTCCCCTGAGCCAAAA
AAAAAAAAAAAAAAAAAAAAAAAA
```

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_008439  
**Insert Size:** 897 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).



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<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>BC013464</u> , <u>AAH13464</u>
<b>RefSeq Size:</b>	1143 bp
<b>RefSeq ORF:</b>	897 bp
<b>Locus ID:</b>	16548
<b>UniProt ID:</b>	<u>P97328</u>
<b>Cytogenetics:</b>	5 16.9 cM
<b>Gene Summary:</b>	<p>Catalyzes the phosphorylation of the ketose sugar fructose to fructose-1-phosphate. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>