

## Product datasheet for MC205425

### Rpe (NM\_025683) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpe (NM\_025683) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rpe  
**Synonyms:** 2810429B02Rik; 5730518J08Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC019126  
 CCACGCGTCCGCTGGCCCGGCTCTCGTGGGCTCACTCGTCTAGGGAACCGGCACCATGGCGTCGGGCT  
 GCAAGATCGGCCCGTCCATCCTCAACAGCGACCTGGCCAACCTGGGGGCCGAGTGCCTGCGCATGCTGGA  
 CTCGGGGGCCGACTACCTGCACCTGGATGTAATGGACGGCATTGTTGCCAATATCACTTTTGGTCAC  
 CCTGTGGTTGAAAGCCTCCGAAAGCAGCTAGGCCAGGACCTTTCTTTGATATGCACATGATGGTGTCTA  
 GGCCAGAACAGTGGGTAAAACCAATGGCTGTGGCAGGTGCCAATCAATATACCTTTCATCTTGAGGCAAC  
 TGAGAACCAGGGGCTTTGATTAAGACATCCGGGAGAATGGGATGAAGGTTGGCCTTGCCATCAAACCA  
 GGAACACAGTTGAATATTTGGCCCATGGGCTAATCAAATAGATATGGCCTTGTAATGACCGTAGAAC  
 CTGGGTTTGGAGGGCAGAAATTCATGGAAGACATGATGCCAAGGTTCACTGGTTGAGGACCCAGTTTCC  
 AACTTTGGATATAGAGGTCGATGGCGGAGTAGGTCCTGACACTGTTCAGAAGTGTGCGGAGGCAGGAGCT  
 AACATGATTGTGTCTGGCAGTGCCATTATGAGGAGTGATGACCCAGAGCTGTTATCAACTTACTAAGAA  
 ACGTTTGTCTCAGAAGCGGCTCAGAAACGTTCCCTTGATCGATGAAGCCACAAGGAACCCAGTTTCTGCTC  
 ATGAAACCTTTTTTACTGGAAAAGGAATATTGACTACCAAATCACATTGCAATCGAAGCAGTGTGCA  
 TTCCAGTGATTAATAATCAATTGTGCAGGATGTTCAAGAGGTTAGAAAATACTACCTTTATAGAGATGTCA  
 TTTAGAAATTTAGCGTGATGAAAATATTCATGTTTATACTGGGAGAATGATTTTTGTAAAGAGTGAAAAT  
 ATGATTTCTTAAGATTACAGACAGAAATGTGTCTTAATGGCTAAAGAGGAAAATAGATACTATGAAAAA  
 CATTTTCTGTATTTTTACAAAGAATGTTCTGTTGATTCCCTGGTTTATTCCTAAAGCAAATGACATCCA  
 CATTTTCTAGTTCATGTCATTTGTGATTGCTTATATGCCTGAGAATATGAATGGAATGAGACTAAAA  
 TTAGAAGCTTTGGTGGGTGGCATGTCATGGTCTGGCATTGGAATATTTTTACTTTTTAATCTTACACT  
 TGGTTTATTAATAAACTATAAAAACAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_025683  
**Insert Size:** 687 bp



[View online »](#)

<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="#">BC019126</a> , <a href="#">AAH19126</a>
<b>RefSeq Size:</b>	1316 bp
<b>RefSeq ORF:</b>	687 bp
<b>Locus ID:</b>	66646
<b>UniProt ID:</b>	<a href="#">Q8VEE0</a>
<b>Cytogenetics:</b>	1 C3
<b>Gene Summary:</b>	<p>Catalyzes the reversible epimerization of D-ribulose 5-phosphate to D-xylulose 5-phosphate. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice junction in the 5' end and lacks an alternate 5' exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>