

## Product datasheet for **MC201183**

### Eno3 (NM\_007933) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Eno3 (NM\_007933) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Eno3  
**Synonyms:** Eno; Eno-3; MSE  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC013460 sequence for NM\_007933  
TAAAAGGGCAAGGGATTTCAGTTCCTTAAGGGATCAACTGTCCACTCTTGCTCACTCACATCTCCTGTG  
GTGCAGCCATGGCCATGCAAAAAATCTTCGCCCGGAAATCCTGGACTCCAGGGCAACCCACGGTGGA  
GGTGGACCTGCACACAGCCAAGGTCGATTCCGAGCAGCTGTGCCAGTGAGACTTCCACGGGTATCTAT  
GAAGCACTGGAACCTCCGAGATGGAGACAAAGCAGATACCTGGGAAAGGAGTGCTGAAGGCTGTGGAAC  
ACATCAACAAGACTCTAGGTCCTGCTCTGCTGAAAAGAACTAAGTGTGTGGATCAAGAAAAAGTTGA  
CAAGTTCATGATTGAGCTGGACGGGACCGAGAATAAGTCCAAGTTTGGGGCAACGCCATCCTGGGTGTG  
TCCCTGGCTGTCTGCAAGGCTGGAGCAGCTGAGAAAGGGTCCCTCTCTACCGACACATCGCAGATCTTG  
CAGGCAATCCCGACCTCGTACTCCCTGTGCTGCCTTTAATGTGATCAACGGCGGCTCTCATGCTGGAAA  
CAAGCTGGCCATGCAGGAGTTCATGATTCTGCCAGTGGGAGCCAGCTCTTCAAGGAAGCCATGCGCATC  
GGCGCTGAGGTCTACCACCACCTCAAGGGGGTCAAGGCAAGTATGGGAAGGACGCCACCAACGTGG  
GGGATGAGGGTGGCTTTGCACCCAACATCCTGGAGAACAATGAGGCCCTGGAGCTGCTAAAGACAGCCAT  
CCAGGCAGCCGGTTACCCGGACAAGGTGGTGTATCGGCATGGATGTAGCTGCGTCTGAATTCTACCGCAAC  
GGCAAGTATGATCTGGACTTCAAGTCACCCGATGACCCTGCCAGGCACATCAGTGGGGAGAAGCTTGGGG  
AGCTGTACAAGAACTTCAATCCAGAACTATCCCCTGGTCTCCATTGAGGACCCCTTTGACCAGGATGACTG  
GGCCACATGGACCTATTCTCTCTGGGGTGGACATCCAGATTGTGGGAGATGACCTCACGGTAACCAAC  
CCCAAGAGGATTGCTCAGGCTGTGGAGAAGAAGGCCTGCAATTGCCTGCTCCTGAAGGTCAACCAGATCG  
GCTCCGTGACGGAGTCCATCCAGGCCTGTAACCTGCACAATCTAATGGCTGGGGAGTGATGGTGAAGCA  
CCGCTCTGGGGAGACCGAAGACACTTTTCATCGCTGACCTTGTTGGTGGGACTCTGCACAGGACAGATCAAG  
ACTGGTGTCTCCCTGCCGTTCCAGAGCGTCTGGCAAATACAACCAGCTTATGAGGATTGAGGAGGCTCTTG  
GGGACAAAAGCTGTCTTTGCTGGAAGAAAGTTCCGTAATCAAAGGCCAAATGAGGAGCTGGAGACTCCAG  
GCTTTACAGGAAAGACACAGGCCTTCAAGCCCTTCTCCAGAAATAAACACTGCCAAACAGAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_007933



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<b>Insert Size:</b>	1305 bp
<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="#">BC013460</a></u> , <u><a href="#">AAH13460</a></u>
<b>RefSeq Size:</b>	1506 bp
<b>RefSeq ORF:</b>	1305 bp
<b>Locus ID:</b>	13808
<b>UniProt ID:</b>	<u><a href="#">P21550</a></u>
<b>Cytogenetics:</b>	11 43.21 cM
<b>Gene Summary:</b>	<p>This gene encodes one of the three enolase isoenzymes found in vertebrates. Enolase is a dimeric enzyme that converts 2-phosphoglycerate to phosphoenolpyruvate as part of the glycolytic pathway. This isozyme is found in skeletal muscle where it is involved in muscle development and regeneration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.</p>