

## Product datasheet for RN216663

### Eno1 (NM\_012554) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Eno1 (NM\_012554) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Eno1  
**Synonyms:** Nne  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216663 representing NM\_012554  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCCATTCTCAAGATCCATGCCAGAGAGATCTTTGACTCCCGCGGAATCCCACCGTTGAGGTGGATC  
TCTACACCGCAAAGGTCTCTCCGTGCTGCGGTGCCAGCGGTGCGTCCACTGGCATCTACGAGGCCCT  
AGAAGTCCGAGACAATGATAAGACCCGCTTCATGGGAAGGGTGTCTCAAAGGCTGTTGAGCACATCAAT  
AAAATATTGCACCTGCTCTGGTTAGCAAGAACTGAATGTTGTGGAGCAGGAGAAGATTGACCAGCTGA  
TGATCGAGATGGACGGCACAGAGAATAAATCTAAGTTTGGTGCAAATGCCATCCTGGGAGTGTCCCTGGC  
TGTCTGCAAGGCTGGTGGCGTGGAGAAGGGGTGCCCTTTACCGTCACATTGCCGACTGGCCGGCAAC  
CCTGAAGTCATCCTGCCGTCCCAGCTTCAATGTGATCAACGGCGGTTCTCATGCTGGCAACAAGTTGG  
CCATGCAAGAGTTCATGATCCTGCCTGTGGGGCATCCTTTCCGGGAAGCCATGCGCATTGGAGCAGA  
GGTTTACCACAACCTGAAGAAGTCATCAAGGAGAAGTACGGGAAAGACGCCACCAATGTGGGTGATGAG  
GGTGGATTGCGACCTAACATCCTGGAGAACAAGAAGCACTGGAGCTGCTCAAGTCTGCCATTGCAAAGG  
CCGGCTACACTGACCAGTTGTGATCGGCATGGATGTGGCTGCCCTCCGAGTTCTACAGGGCTGGCAAGTA  
TGACCTGGACTTCAAGTCTCCAGATGATGCCAGCCGGTACATCACACCCGACCAGCTGGCCGACCTGTAC  
AAGTCCTTCATCAAGGACTACCCAGTGGTGTCCATTGAAGATCCCTTTGACCAGGACGACTGGGATGCTT  
GGCAGAAGTTCACAGCTACTGCAGGCATCCAGGTGGTGGGGATGACCTCACAGTGACCAACCTAAGCG  
GATCGCAAGGCTGCAGGCGAAAAGTCTGCAACTGCCTCCTGCTCAAAGTGAACCAGATTGGCTCTGTG  
ACCGAGTCTGTCAGGCGTGAAGCTGGCCAGTCCAATGGCTGGGGTGTGATGGTGTCCATCGATCTG  
GGGAGACTGAGGACCTTTCATTGCCGACCTGGTGGTGGGCTCTGCACTGGGAGATCAAGACTGGTGC  
CCCCTGCCGATCTGAGCGCCTGGCCAAGTACAATCAGATCCTTAGAATCGAGGAGGAGCTGGCAGCAA  
GCCAAGTTGCCGCGAGTCTTCAGGAACCCCTGGCCAAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_012554
<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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_012554.3</a></u> , <u><a href="#">NP_036686.2</a></u>
<b>RefSeq Size:</b>	1754 bp
<b>RefSeq ORF:</b>	1305 bp
<b>Locus ID:</b>	24333
<b>UniProt ID:</b>	<u><a href="#">P04764</a></u>
<b>Cytogenetics:</b>	5q36
<b>Gene Summary:</b>	Multifunctional enzyme that, as well as its role in glycolysis, plays a part in various processes such as growth control, hypoxia tolerance and allergic responses. May also function in the intravascular and pericellular fibrinolytic system due to its ability to serve as a receptor and activator of plasminogen on the cell surface of several cell-types such as leukocytes and neurons. Stimulates immunoglobulin production.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript. Variants 1 and 2 encode the same protein.