

Product datasheet for **RN200517**

Eno1 (NM_001109908) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eno1 (NM_001109908) 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: >RN200517 representing NM_001109908
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCATTCTCAAGATCCATGCCAGAGAGATCTTTGACTCCCGCGGAATCCCACCGTTGAGGTGGATC
TCTACACCGCAAAGGTCTTCCGTGCTGCGGTGCCAGCGGTGCGTCCACTGGCATCTACGAGGCCCT
AGAAGTCCGAGACAATGATAAGACCCGCTTCATGGGAAGGGTGTCTCAAAGGCTGTTGAGCACATCAAT
AAAATATTGCACCTGCTCTGGTTAGCAAAGAACTGAATGTTGTGGAGCAGGAGAAGATTGACCAGCTGA
TGATCGAGATGGACGGCACAGAGAATAAATCTAAGTTTGGTGCAAATGCCATCCTGGGAGTGTCCCTGGC
TGTCTGCAAGGCTGGTGGCGTGGAGAAGGGGTGCCCTTTACCGTCACATTGCCGACTGGCCGGCAAC
CCTGAAGTCATCCTGCCGTCCAGCTTCAATGTGATCAACGGCGGTTCTCATGCTGGCAACAAGTTGG
CCATGCAAGAGTTCATGATCCTGCCTGTGGGGCATCCTTTCCGGGAAGCCATGCGCATTGGAGCAGA
GGTTTACCACAACCTGAAGAAGTCATCAAGGAGAAGTACGGGAAAGACGCCACCAATGTGGGTGATGAG
GGTGGATTGCGACCTAACATCCTGGAGAACAAGAAGCACTGGAGCTGCTCAAGTCTGCCATTGCAAAGG
CCGGCTACACTGACCAGTTGTGATCGGCATGGATGTGGCTGCCCTCCGAGTTCTACAGGGCTGGCAAGTA
TGACCTGGACTTCAAGTCTCCAGATGATGCCAGCCGGTACATCACACCCGACCAGCTGGCCGACCTGTAC
AAGTCCTTCATCAAGGACTACCCAGTGGTGTCCATTGAAGATCCCTTTGACCAGGACGACTGGGATGCTT
GGCAGAAGTTCACAGCTACTGCAGGCATCCAGGTGGTGGGGATGACCTCACAGTGACCAACCTAAGCG
GATCGCCAAGGCTGCAGGCGAAAAGTCTGCAACTGCCTCCTGCTCAAAGTGAACCAGATTGGCTCTGTG
ACCGAGTCTGTCAGGCGTGAAGCTGGCCAGTCCAATGGCTGGGGTGTGATGGTGTCCATCGATCTG
GGGAGACTGAGGACCTTTCATTGCCGACCTGGTGGTGGGCTCTGCACTGGGAGATCAAGACTGGTGC
CCCCTGCCGATCTGAGCGCCTGGCCAAGTACAATCAGATCCTTAGAATCGAGGAGGAGCTGGCAGCAA
GCCAAGTTGCCGCGAGTCTTCAGGAACCCCTGGCCAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001109908
Insert Size:	1305 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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001109908.1</u> , <u>NP_001103378.1</u>
RefSeq Size:	1803 bp
RefSeq ORF:	1305 bp
Locus ID:	24333
UniProt ID:	<u>P04764</u>
Cytogenetics:	5q36
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>