

Product datasheet for RN202903

Eno2 (NM_139325) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eno2 (NM_139325) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eno2
Synonyms:	NSE; RNEN3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202903 representing NM_139325 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTATACAGAAGATCTGGGCCGAGAGATCTTGGACTCCCGTGGGAATCCCACCGTGGAGGTGGATC
TCCATACTGCCAAAGTCTTTCCGGGCTGCAGTCCCCAGTGGGGCTCCACTGGCATCTATGAGGCCCT
GGAGCTAAGGGATGGGGACAAACAGCGTTACTTAGGCAAAGGTGTCTGAAGGCTGTGGACCACATCAAC
AGCACCATCGCACCGGCCCTCATCAGCTCAGGCCCTCTCTGTGGTGGAGCAGGAGAAGCTGGACAACCTGA
TGCTGGAGTTGGATGGGACTGAGAACAATCCAAGTTGGGGCCAATGCCATCCTGGGTGTGTCCCTGGC
CGTGTGCAAGGCTGGGGCAGCCGAGAAGGACTTCCCCCTATCGCCACATTGCTCAACTGGCTGGGAAC
TCCGACCTCATCTGCCGTGCCGGCCTTAAATGTGATCAACGGTGGCTCTCATGCTGGGAACAAGTTGG
CCATGCAGGAGTTCATGATCCTCCAGTGGGTGCTGAGAGCTTTCGGGATGCCATGCGACTTGGGGCCGA
GGTGTACCACACACTCAAGGGGGTCAAGGACAAGTACGGCAAGGATGCCACTAATGTGGGGATGAA
GGCGGCTTTGCCCCAAATCCTGGAGAACAGCGAAGCTTTGGAGCTGGTGAAGGAAGCCATTGACAAGG
CTGGCTACACGGAAAAGATGGTGATTGGTATGGATGTGGCTGCCCTGAGTTTTACCGCGATGGCAAATA
CGACTTGGATTTCAAGTCTCCCGCTGACCTTCCCGATGCATCACTGGGGACCAGCTTGGGGCACTCTAC
CAGGACTTTGTCCGGAATATCCTGTGGTCTCCATTGAAGACCCATTCCGACCAGGATGACTGGGCAGCTT
GGTCCAAGTTCACAGCCAATGTCGGCATCCAGATAGTGGGTGATGACCTGACGGTACCAACCCCAAGCG
CATCGAGCGGGCAGTGGAGGAGAAGGCCTGCAACTGTTTGTCTCAAGGTCAACCAGATCGGCTCAGTC
ACAGAAGCCATCCAAGCGTGCAAGCTGGCCAGGAGAACGGCTGGGGGTTATGGTGAGTCATCGCTCTG
GAGAAACCGAGGACACGTTTCATTGCAGACCTCGTAGTGGGACTGTGTACAGGTGAGTCAAGACTGGTGC
CCCATGCAGATCTGAACGTCTGGCGAAGTACAACCAGCTCATGAGGATTGAAGAGGAGTTGGGGAGGAG
GCTCGCTTCGCGGACACAACCTCCGGAATCCCAGTGTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_139325
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_139325.3</u> , <u>NP_647541.1</u>
RefSeq Size:	2222 bp
RefSeq ORF:	1305 bp
Locus ID:	24334
UniProt ID:	<u>P07323</u>
Cytogenetics:	4q42
Gene Summary:	catalyzes the interconversion of 2-phosphoglycerate to phosphoenolpyruvate; may play a role in glycolysis [RGD, Feb 2006]