

Product datasheet for **MC201508**

Eno2 (NM_013509) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Eno2 (NM_013509) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Eno2 |
| Synonyms: | AI837106; D6Ertd375e; Eno-2; NSE |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC031739 sequence for NM_013509
 GCCGCCGCCGTACCACCGCCACTGCCACCGCCACCGCCCAACGCCACCGACTGAGTCTGCAGTCCCTC
 GAGGAGATCCCAGCCATCATGTCTATAGAGAAGATTTGGGCCGAGAGATCTTGGACTCCCGTGGGAATC
 CCACCGTGGAGGTGGATCTCTATACTGCCAAAGGTCTTTCCGGGCTGCAGTCCCCAGTGGAGCCTCCAC
 CGGCATCTATGAGGCCCTGGAAC TAAGGGATGGGACAAAACAGCGTTACTTAGGCAAAGGTGTCTGAAG
 GCAGTGGACCACATCAACAGCAGGATTGCACCAGCCCTCATCAGCTCAGGTATCTCCGTGGTGGAGCAGG
 AGAACTGGACAACCTGATGTTGGAAC TGGACTGGGACTGAGAATAAATCCAAGTTTGGGGCCAATGCCAT
 CCTGGGTGTGCCCTGGCCGTGTGTAAGGCTGGGGCAGCTGAGAGGGACTTGCCCTCTATCGCCACATT
 GCTCAGCTAGCTGGAACTCCGACCTCATCCTGCCTGTGCCGGCCTTTAATGTGATCAATGGTGGCTCTC
 ATGCTGGGAACAAGTTGGCCATGCAGGAGTTCATGATCCTCCCAGTGGGTGCTGAGAGCTTTCGGGATGC
 CATGCGACTTGGGGCAGAGGTGTACCACACCCTCAAGGGGGTCATCAAGGACAAGTATGGCAAGGATGCC
 ACTAACGTGGGGATGAAGGCGGCTTGGCCCCAATATCCTGGAGAACAGCGAAGCCTTGGAGCTGGTGA
 AGGAAGCCATCGACAAGGCTGGCTACACGAAAAGATGGTGATCGGTATGGATGTGGCTGCCTCTGAGTT
 TTACCGCATGGCAAATACGACTTGGATTTCAAGTCTCCCGCTGATCCTTCCCGATACATCACTGGGGAC
 CAGCTGGGGGCACTCTACCAGGACTTGTCCGGAAC TATCCTGTGGTCTCCATTGAAGACCCATTTGACC
 AGGACGACTGGGAGCTTGGTCCAAGTTCACAGCCAACGTCGGCATCCAGATAGTGGGCGATGACCTGAC
 GGTGACCAACCCCAAGCGCATCGAGCGGCAGTGGAGGAGAAGGCCTGCAACTGTTTGTCTCAAGGTC
 AATCAGATCGGCTCGGTACAGAAGCCATCCAAGCGTGAAGCTGGCCCAGGAGAATGGCTGGGGGGTTA
 TGGTGAGCCATCGCTCTGGAGAAACGGAGGACAGTTCATTGCTGATCTTGTCTGCGACTGTGTACAGG
 CCAGATCAAGACTGGCGCCCATGCAGATCTGAACGCTGGCGAAGTACAACCAGCTCATGAGAATTGAG
 GAAGAGCTGGGGACGAAGCTCGCTTCCGGGACATAATTTCCGAAATCCCAGTGTGCTGTGATCCCCTT
 CCCCCAACCCCGCTTGCCTGAACGCGGGAACATCTCATTCTCCTGGAGCCTTTTCTTGTGCCCTGACC
 TGCCATAGTCACTGTGATACCCTGAGCCCAAGTCAACCAGAACACCTCGACTCACCGCTCCTGCTGTTT
 TTGGCTTCCACAACCCCTTGGCTCTCTGCTCTTCTCCTCTCTGGGCCCATTTTTGGGGGATTCA
 GTCTTCCCACTTTCCCTTCTATTCTCTCTCTCTTTAAAAAAAATTATGAAGATTAGAAGGGGGTCCAC
 AGAAGAATCCTCAGTGTCTGACAGGAGCTTCAAGATTGGTGTGTTGGGGTGTAAAGTGGGGTACGCGG
 CATGAGTGTTCAGTGCTTACCATGGTGTGATAAGCCTTGAAC TATGCATAGAAGTGGAGTTTGGGGAG
 TGCTGGATGTGGTTCATGCTTGGTTGAGGCTT TAGTGTATGTGTTTACATACACAAGCACAGTTTGT
 GTTTGCTATTTATTTATTTATTTATTTATTTATTTATTTATTTATTTATTTATTTCTCAGCTGGTCA
 GCATCTCCTGTAACCTCCAGTCTGAAAGTGACCTAACTTGACAGGACTAGGCACCCTATCCATGTGGC
 TTCAATCCAAGATGACCCAGGATGGGGATTTTGTAGCATGGGAAGGGGAACAGAAAAGGGCCTTAGCAA
 TTGCTTCAATTCGCTGACTAACC GAAGCTCGGAAC TTTACAGAATGGGGCTGTGGACCTGGGGAGGCTT
 TCTCCTCTAACCCCTCTCCCAGCCCTAGGCTCCTCCGTCTTTCTCCGGCTGCACCAGAGCGCTGCCTCAC
 TCCCCTGCGCCATGTCCCACAGTTGCCACCATCTCCGTGGCTTTGAAATGACCACCACCTAAAGTCTG
 AATCACAGCGCACCCCTTGTCTGAGGACTTACTCTCTGCTCCATGTGAGAGGACGAAGAGAAACG
 ACTGGATATTGGCGATCCTAGGTAGCAGATCAGGGGAGGGCTCAAAAAGCGGCAAGCCACTGAACTCATG
 ACCAAGTTTGACGATTGCTGGTGTGTTGGGATCCGTGGGGTTTTTGTTC CCAAGACAGGGTTTCTACG
 TGTAGCCCTGGCTGTCTGGAAC TACTCTGTAGACCAGGCTGGCTCCAAGTTTACAGAGATCCGCTGC
 TTCTGCCTCCCGAGTGTGGGATTAAGCTTGTACCACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_013509
- 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).

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| 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: | BC031739 , AAH31739 |
| RefSeq Size: | 2656 bp |
| RefSeq ORF: | 1305 bp |
| Locus ID: | 13807 |
| UniProt ID: | P17183 |
| Cytogenetics: | 6 59.17 cM |
| Gene Summary: | <p>Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and promotes cell survival (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Variants 1 and 3 encode the same protein (isoform 1).</p> |