

Product datasheet for **MC203320**

Etnppl (NM_027907) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etnppl (NM_027907) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Etnppl
Synonyms:	1300019H02Rik; Agxt2l1; A1195447
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058592
 GGAGGGGAGAAAAAATCCTTTGCAGCGTCCCAGGTTACAGAGGGAGGAACATTATTGACTTGAAGGG
 TGCAGCGGTATGTGCGAGCTCTATAGCAAAGCAGGACACCCTGGCGCTGAGGGAGAGGCACATCGGGCCC
 TCGTGCAAAATTTTCTTTGCCGCGGATCCCATCAAATAATGCGAGCCCAGGGGCAGTACATGTTTGATG
 AGAAAGGCGAACGGTACTTAGACTGCATCAACAACGTGGCGCATGTGGGACACTGCACCAGAAGTGGT
 CAAAGTCGCCGAAAACAGATGGAATTAATAACAATTCGCTTCTCCACGACAACATCATTGAG
 TTTGCCAAGCGCCTTACTGCCACCCTGCCTCAGGAGCTCCGTTTGTACTTCCAAACTCCGGATCCG
 AAGCCAATGACTTAGCCTTACGTCTGGCAGCGGACGTTCCGAGGCCACCAGGATGTGATCACCCCTGACCA
 TGCTTACCACGGCCACCTGTCGTCATTAATTGAGATCAGTCCTTATAAGTTTCAGAAAGGGCAAAGATGTC
 AAGAGGGAAACTGTACATGTGGCACCAGCTCCAGACACTTACAGAGGGAAATACAGAGAGGACCACGAAG
 ACCCATCCACTGCATATGCCGACGAGGTGAAGAAGATCATTGAAGAGGCTCACAGCAGCGGAAGGAAGAT
 TGCTGCCTTTATTGCTGAATCCATGCAGAGTTGTGGTGGACAAATTTTCTCCAGCAGGCTACTTCCAG
 AAAGTGGTGAACACATTCAAAAGCAGGAGGTGTGTTTATTGCTGACGAAGTTCAAGTAGGCTTTGGCA
 GAGTTGGGAGTACTTCTGGAGCTTCCAGATGTATGGTGAAGACTTCGTTCCAGACATCGTCACCATGGG
 GAAACCTATGGGCAACGGTCACCCGATATCCTGTGTGGTGAACCAAAGAAATTCAGAAAGCCTTCAGC
 AGCTCGGGCATGGAATATTTCAATACGTATGGAGGAAATCCAGTGTCTTGTGAGTTGGCTTGGCTGTGC
 TGGATGTAAATTGAAAAGGAGAACCTTCAAGGGAATGCTGTGAGAGTGGGGACCTATCTCATGGAGCTGCT
 GAGTGAACAGAAGGCTAAGCATCCCTTGATAGGGGACATCAGAGGTGTCGGCCTTTTTATCGGCATCGAT
 TTGGTGAAGGACCGTGAGAAAAGAACACCTGCGACAGCTGAAGCACAGCAGCATCTACAGAGTGAAGG
 GAAAGGGGGTACTTCTCAGTGCCGATGGCCCTCACAGGAACGTGCTGAAAATAAAACCACCCATGTGCTT
 CACGGAAGACGATGCAAAGTTCTTGGTGGACCACCTTGACGGCATTAAACAGTTTTAGAAGAAGCCATG
 GACTCCAAGAGTGAAGTGTGTTCTCTGAGAACACAGCTTACAGAACAAGATGCCTAAGGAAATACAAG
 TGAATTTGCCAACCTTAGTGCCACCGAGGCCAGAGAAATCCCCAGGGGAAAGAGAAATGGTGTATGCTC
 AGACCAGCAAGCCCTGCTCAGCAAAAAGACTCAAGACATGAGAGCTGAGTGCTAAACAGTGGATAAAATATC
 CAGGAACACAGTGTGCAAGTGGATGCATCTCATCTTGTGATCCTTTAAATTGCAATTTTCAATCTGT
 CTAACCTGTACATTAAGATAGATTAATAATATCAATGATCAAAGTGATAAACTATGTCAACATTATTG
 ATTGAGCCTCTTGTCTGATAATTCATTGCCTGTAATTCTAAAGTTATTTATTCTACTAAAAGTGGTTTT
 CCTTTGCAAGACTAAGCTGGGTGCCTTGTCTCACATTGCCATGTTTGAATAGAGAAAAAGTGAAGT
 CTATTTCTTACGTCAGAGAGTTAGTATACTGAAGTATTTTAAACACAAGAAATGCTCTAAAACGGTTG
 ATATAAAACTTTATTTCTAGATTTTAAATAAAATAAAAGACGATCTAACAAAAATGAAGACTATAAAATG
 TAGAGAGCTCTGTAGGTTATGGTGGTGAATCTAAATCGTTCTGAAAGGAAATCACAGAGCTGAGAGGAA
 AATGGCAAAGAAGAGCGGTTGGTAAGAAACCTGGTTATTTGCCATGTTGTGGGAACTGGAAGGGAACACA
 TACACAGAGACCCTTGCCTGAGGAAAGTTCTAGAGTGACAGAAGCAGCCAAAGCCAGCATTGAGGGTTG
 GGGACTTTGATTCTGGCTACTCACAGGCTATGCCACCTTGACCAAGTTGCTCACCTATCAGGTAATAATG
 GCCCTCTCCGAACACCTTATTTTCCCAACTCATTATCACCTGCATCCCACTGTCCTAAATTACCTT
 CGTCTGACCTGTATCTCTATTGCCTTCTACTAGTTATTAACCTGCTGGTTTGTGTTTTATTCCGGTAA
 AGAAGAGACAGCAACTTTTCTATGCCTGTTTACTGTAACTGAGTGAGATGTCTCCTTTGGAGTATGAGC
 CTGTTCTTTGGATAATGGTAATTCAGGGAACCTTGTCTGTGGTTAACACATGTGGAAGCCCTGGATT
 GTGGTCTGAAAGTCTGTTCAAAAGACAAAAAATAAAAAATAAAAAACAAGGCAAACTGAAAAAATAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_027907
- Insert Size:** 1500 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:

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: [BC058592](#), [AAH58592](#)

RefSeq Size: 2666 bp

RefSeq ORF: 1500 bp

Locus ID: 71760

UniProt ID: [Q8BWU8](#)

Cytogenetics: 3 G3

Gene Summary: Catalyzes the pyridoxal-phosphate-dependent breakdown of phosphoethanolamine, converting it to ammonia, inorganic phosphate and acetaldehyde.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.