

Product datasheet for MC212603

Etnk2 (NM_175443) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Etnk2 (NM_175443) Mouse Untagged Clone
Tag: Tag Free
Symbol: Etnk2
Synonyms: 4933417N20Rik; AI197444; EKI 2; Eki2; Tuc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212603 representing NM_175443
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTGTGCCCCCTTCAGCTCCAGTGCCGTGCTCGCCCTTTACCTGCGGAGGCAGGAGCCTTGCCCGC
 AGTGCTCATGGAGCATGGAGGAGAAGCGGTGGCCAGCGCCGGCTGCTGGGAGCCTCCAGGGCCCCGAG
 GGCCGCCGTCCCATGCTTCAGCGTCACGGTGGAACAGGACGACATCCTCCCGGTGCCCTCGCCTCATT
 CGGGAGCTGCGGCCGCACTGGAAGCCCCAACAAGTTCGGACCAAGCGCTTCAAAGACGGCATCACCAACA
 AGCTATTGGCCTGCTATGTGGAGGAGGACATGCGGGACTGCGTGTGGTCCGGGTGTATGGGAGCGCAC
 GGAGTTGCTGGTGGACCGGGAGAATGAGGTGAGAACTTCCAAGTCTGCGAGCACACGGCTGCGCCCC
 AAAGTCTACTGTACCTTTGAGAACGGGCTGTGCTACGAGTATGTGCAGGGTGTGGCCCTGGGACCTGAAC
 ACATCCGAGAGCCCCAGCTCTTCAGGTTGATCGCCTTAGAAATGGCTAAGATTACACCATCCACGCCAA
 TGGCAGCCTGCCTAAGCCACGCTCTGGCATAAGATGCATCGTTATTTACGCTGGTCAAGGATGAGATC
 AGTCCCAGCCTTTCTGCAGATGTCCCAAGTGGAGGTGTGGAACAGGAGCTGGCCTGGTTGAAGGAAC
 ACCTGTCCCAGTTGGATTCCCCGTGGTGTCTGTGCAATGATCTACTGCAAGAATATCATCTATGA
 CAGTGACAAAGGCGCGTGTGCTTTATTGACTATGAATATGCAGGGTACAACCTACCAGGCATTTGACATT
 GGCAACCATTTCAATGAGTTTGCAGGTGTGAATGTGGTTGATTACAGCCGGTATCCAGCTCGGGAGACCC
 AGGTGCAGTGGCTGCGTTATTATCTTGAGGCGCAGAAGGGGACAGCTGCATCCCCAGGGAGGTGGAGCG
 GCTTTATGCACAAGTCAACAAATTCGCTCTGGCATCTCATTCTTCTGGGCACTCTGGGCACTCATAACG
 AACAGTATTCTACCATCAGCTTTGACTTCTCAGGTATGCGGTGATCCGATTCAACCAGTACTTTAAGG
 TGAACCTCAGGTGTCGGCCTTGGAGATGCCAAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_175443
Insert Size:	1158 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_175443.5</u> , <u>NP_780652.2</u>
RefSeq Size:	2280 bp
RefSeq ORF:	1158 bp
Locus ID:	214253
UniProt ID:	<u>A7MCT6</u>
Cytogenetics:	1 E4
Gene Summary:	Highly specific for ethanolamine phosphorylation. Does not have choline kinase activity. [UniProtKB/Swiss-Prot Function]