

Product datasheet for **MC226856**

Ergic2 (NM_001286560) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ergic2 (NM_001286560) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ergic2
Synonyms: 1200009B18Rik; 4930572C01Rik; AA408438; Ptx1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226856 representing NM_001286560
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGTGTCACTATGTTGGAGCAGATGTACTGGATTTAGCAGAGACCATGGTTGCTTCTGCAGATGGTC
TGGCTTATGAACCAGCACTGTTTGACCTTTCACCCAGCAGAGAGAGTGGCAGAGGATGCTGCAGCTGAT
TCAGAGTAGGCTGCAGGAAGAGCATTCCCTTCAAGACGTGATATTCAAGAGTGCTTTTAAAAGTGCATCA
ACTGCACTGCCACCAAGGAAGATGATTCACTGACTCCAGATGCGTGCAAGATCCATGGTCATCTCT
ATGTCAATAAAGTAGCAGGGAATTTTCACATAACTGTGGGCAAGGCAATCCACATCCTCGAGGGCATGC
ACATTTGGCAGCACTTGTCAACCATGATTCTTACAACCTTTCTCACAGAAATAGATCATTGTCTTTTGG
GAGCTTGTCCGGGAATTATAATCCTTTGGATGGAAGTAAAAGATTGCTGTAGATCACAACAGATGT
TCCAATATTTTATTACAGTTGTGCCAACAAAGTACACACATAACAAGATCTCAGCAGATACCCATCAGTT
CTCTGTGACAGAAAGGGAACGCATCAACCATGCTGCAGGCAGCCACGGCGTCTCTGGAATATTTATG
AAATATGATCTCAGTTCTCTCATGGTGACAGTCACTGAGGAACACATGCCTTTCTGGCAGTTTTTTGTAA
GACTCTGTGGTATAATTGGAGGAATCTTTCAACAACAGGCATGTTACATGGAATTGGAAAATTTATAGT
GGAAATAATTTGCTGTCGTTTCAGACTTGGATCCTACAAGCCTGTCCGTTCTGCCCTTTGCGGATGCG
CACACAGACAACCACTTACCTCTTTTAGAGAACAACACACATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286560
Insert Size: 885 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001286560.1</u> , <u>NP_001273489.1</u>
RefSeq Size:	3826 bp
RefSeq ORF:	885 bp
Locus ID:	67456
UniProt ID:	<u>Q9CR89</u>
Cytogenetics:	6 G3
Gene Summary:	<p>Possible role in transport between endoplasmic reticulum and Golgi.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate exon in the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 3, which has a shorter N-terminus, compared to isoform 1.</p>