

Product datasheet for **MC210349**

Ergic3 (NM_025516) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ergic3 (NM_025516) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ergic3
Synonyms:	2310015B14Rik; AV318804; CGI-54; D2Ucla1; NY-BR-84; Sdbcag84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210349 representing NM_025516 Red =Cloning site Blue =ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCGCTGGGAAGCTGAAGCAGTTCGATGCCTACCCTAAGACTCTGGAGGACTTCCGGGTCAAGA
CCTGCGGGGGTGCACGGTGACCATCGTCAGTGGCCTTCTCATGCTCCTGCTTTTCTATCGGAGTTGCA
GTATTATCTCACTACGGAGGTGCATCCTGAGCTCTACGTGGACAAGTCTCGGGGGGATAAAGTGAAGATC
AACATCGATGTTCTTTCCGCACATGCCTTGTGCCTACTTGAGCATCGATGCCATGGACGTGGCCGGGG
AGCAGCAGCTGGATGTGGAACACAACCTGTTCAAGAAACGACTAGACAAGGATGGCGTCCCCGTGAGCTC
AGAGGCTGAACGGCAGGCTTGGGAAAGTCGAGGTGACAGTGTGGACCCCAACTCCTTGACCCCAAT
CGCTGTGAGAGCTGCTACGGCGCTGAGTCAGAAGACATCAAGTGCTGTAACAGTTGTGAAGATGTGCGGG
AGGCCTATCGCCGTCGAGGCTGGGCCTTCAAGAACCCGGACACCATGAGCAGTGTGCGGAGAGGGCTT
CAGCCAGAAGATGCAGGAGCAGAAGAAATGAAGGCTGCCAGGTGTACGGCTTCTTGAGGTCAACAAGGTG
GCTGGAACCTTCCACTTTGCCCTGGGAAGAGCTTCAACAGTCTCATGTGCATGTTTCATGACTTGACAG
GCTTTGGCCTTGACAATATCAACATGACACACTACATCAAGCACCTGTGATTCGGGGAGGACTATCCAGG
AATCGTGAACCCCTAGACCACACCAACGTGACTGCACCCCAAGCCTCCATGATGTTCCAGTACTTTGTG
AAGGTGGTGCCACAGTGTACATGAAGGTGGACGGGAGGTGCTGAGGACTAACCAGTTCTCCGTGACCA
GGCAGGAGAAGTTGCCAATGGGCTCCTGGGTGACCAGGCTGCGGGGGTCTTTGTGCTGTATGAGCT
CTACCAATGATGGTGAAGCTGACGGAGAAACACAGGTCTTTCACCCACTTCTGACAGGTGTGTGCGCC
ATCATTGGGGCATGTTTACAGTGGCCGCCTCATTGACTCGCTCATCTACCACTCCGCTCGGGCCATCC
AGAAGAAAATTGACCTAGGAAGACAACGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_025516
Insert Size:	1152 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:	BC043720 , AAH43720
RefSeq Size:	1426 bp
RefSeq ORF:	1152 bp
Locus ID:	66366
UniProt ID:	Q9CQE7
Cytogenetics:	2 77.32 cM
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 in-frame exon and uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1.</p>