

Product datasheet for **MG224623**

Ergic3 (NM_025516) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ergic3 (NM_025516) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ergic3
Synonyms:	2310015B14Rik; AV318804; CGI-54; D2Ucla1; NY-BR-84; Sdbcag84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG224623 representing NM_025516 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCGCTGGGAAGCTGAAGCAGTTCGATGCCTACCCTAAGACTCTGGAGGACTTCCGGGTCAAGA
CCTGCGGGGTGCCACGGTGACCATCGTCAGTGGCCTTCTCATGCTCCTGCTTTTCTATCGGAGTTGCA
GTATTATCTCACTACGGAGGTGCATCCTGAGCTCTACGTGGACAAGTCTCGGGGGATAAACTGAAGATC
AACATCGATGTTCTTTCCGCACATGCCTTGTGCCTACTTGAGCATCGATGCCATGGACGTGGCCGGGG
AGCAGCAGCTGGATGTGGAACACAACCTGTTCAAGAAACGACTAGACAAGGATGGCGTCCCCGTGAGCTC
AGAGGCTGAACGGCACGAGCTTGGGAAAGTCGAGGTGACAGTGTGGACCCAACTCCTTGACCCCAAT
CGCTGTGAGAGCTGCTACGGCGCTGAGTCAGAAGACATCAAGTGCTGTAACAGTTGTGAAGATGTGCGGG
AGGCCTATCGCCGTCGAGGCTGGGCCTTCAAGAACCCGGACACCATGAGCAGTGTGGCGAGAGGGCTT
CAGCCAGAAGATGCAGGAGCAGAAGAAATGAAGGCTGCCAGGTGTACGGCTTCTTGAGGTCAACAAGGTG
GCTGGAACCTTCCACTTTGCCCTGGGAAGAGCTTCCAACAGTCTCATGTGCATGTTTCATGACTTGACAG
GCTTTGGCCTTGACAATATCAACATGACACACTACATCAAGCACCTGTGATTCGGGGAGGACTATCCAGG
AATCGTGAACCCCTAGACCACACCAACGTGACTGCACCCCAAGCCTCCATGATGTTCCAGTACTTTGTG
AAGGTGGTGCCACAGTGTACATGAAGGTGGACGGGAGGTGCTGAGGACTAACCAGTTTCCGTGACCA
GGCAGGAGAAGGTTGCCAATGGGCTCCTGGGTGACCAGGCTGCCGGGGTCTTTGTGCTGTATGAGCT
CTACCAATGATGGTGAAGCTGACGGGAGAAACACAGGTCTTTCACCCACTTCTGACAGGTGTGTGCGCC
ATCATTGGGGCATGTTTACAGTGGCCGCCTCATTGACTCGCTCATCTACCACTCCGCTCGGGCCATCC
AGAAGAAAATTGACCTAGGAAGACAACG

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

ORF Size:	1149 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_025516.3
RefSeq Size:	1297 bp
RefSeq ORF:	1152 bp
Locus ID:	66366
UniProt ID:	Q9CQE7
Cytogenetics:	2 77.32 cM
Gene Summary:	Possible role in transport between endoplasmic reticulum and Golgi.[UniProtKB/Swiss-Prot Function]