

## Product datasheet for **SC319291**

### **ERGIC1 (NM\_001031711) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ERGIC1 (NM_001031711) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERGIC1
Synonyms:	AMC2; AMCN; ERGIC-32; ERGIC32; NET24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

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>OriGene sequence for NM_001031711.1
GTTGGCAGCGGGCTCGGACCCACGCGGCCCGCGCCCGCTGGCCTGCAGCGCTCCCAC
CCCCGGCGGGCGGCACGATGCCCTTTGACTTCAGGAGGTTTGACATCTACAGGAAGGTGCC
CAAGGACCTTACGCAGCCAACGTACACCGGGGCCATTATCTCCATCTGCTGCTGCCTCTT
CATCCTCTTCTCTTCTCTCGGAGCTACCCGGATTTATAACGACAGAAGTTGTGAACGA
GCTCTATGTCGATGACCCAGACAAGGACAGCGGTGGCAAGATCGACGTCAGTCTGAACAT
CAGTTTACCCAATCTGCACTGCGAGTTGGTTGGGCTTGACATTCAGGATGAGATGGGCAG
GCACGAAGTGGGCCACATCGACAACCTCCATGAAGATCCCCTGAACAATGGGGCAGGCTG
CCGCTTCGAGGGGCAGTTGAGCATCAACAAGGTCCCCGGCAACTTCCACGTGTCCACACA
CAGTGCCACAGCCAGCCACAGAACCAGACATGACGCATGTCATCCACAAGCTCTCCTT
TGGGGACACGCTACAGTCCAGAACATCCACGGAGCTTCAATGCTCTCGGGGAGCAGA
CAGACTCACCTCAACCCCTGGCTCCCACGACTACATCCTGAAGATTGTGCCACGGT
TTATGAGGACAAGAGTGGCAAGCAGCGGTACTCCTACCAGTACACGGTGGCCAACAAGGA
ATACGTCGCTACAGCCACACGGGCCGCATCATCCTGCAATCTGGTTCGCTACGACCT
CAGCCCCATCACGGTCAAGTACACAGAGAGACGGCAGCCGCTGTACAGATTCATACCAC
GATCTGTGCCATCATTGGCGGGACCTTACCCTGCGCCGGATCCTGGACTCATGCATCTT
CACAGCCTCTGAGGCCTGGAAGAAGATCCAGCTGGGCAAGATGCATTGACGCCACACCCA
GCCTAATGGCCGAGGACCTGGGCATCGCCAGCCTTGCCTCCAGTGCCCTGTCTCCTTTG
GCCCTCAATCTGGTCCCAAACTGGCTGTGTCCAAAGGGTGTGTGGGAAGTGGGGGAA
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CAAGGGGTGGGGAGTCCAGGGATCTTGGGACCCCTCCTAGGAGAGCTGCAGTCTCTTCC
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CAGCCCCCACTAGGTGGACACATTAATGATTTGGTTTCTCCCTGGGCAGCCAACCTGCC
CCAGAGGCACAGACCTGGGCTTTCAGCTTTGGGACCAGGCTGCCCAAAGGTACTCCTTT
ATACACCCGGCACCTTCCACGAAAGATGGTACTTCCCAAGCAAGCCCTATGATTTGTCA
CTATAGATGGAACCTGACTTCTGCCCCATCCCTTCTGCCCCAACCTAGAACCAGGCT
CAAGTCTTACCCACCCCTTTCTTGTCTTCCAAGAAGCAGATGCCAGTTGCTCAGCA
GCAGCGGTAGAGACTTGAATCTGCCACCAGTACAAGGCGGGTACAGATTCTCTTCC
TCTCTTCTCCTCGTCTCTGAACCCTCCACCAATGTGCCTCAGCCTGTGTGCTGTGTGG
CAACAGCATTCTGGTCCCACTGCCAAGATCTCCACCCTCTGCTGGGATCTGCAGTGG
CAGGGAGTGGGGTGTGTAAAGGGGAAGTCATCTTTGAGATCCAGATAGACATGGTTT
GTGCACTTACGTCCAGATGGGAAGCATCCTTCTGCAACCCTAAAATAATCATGCAGCCT
CTCAGACGGACGCCATCGGTCCCAAGGCCTTAGGTGGAGGAAGCAAGCAGGCCAGGCT
GTCCTGTCCGTGGACCTTACCTTCTGGACTCCCTACGGGTGCAGAGCACTTGGGTTTCT
CTACAGCCATCGTGGCCACTTGACACTGTGCTCCTCCATCAGCTGGTCACATGCCAACA
CGTTCCAGCCCCTGAGGCAGCTCCAGGGTGGCCACCTGCTCCTGAGGTGGGTCCTAC
CCTGCTGCTCCTTTCATCCTTTCCCTTTGTCTGAAAGGGAGGAGCAATGGTCCAGGC
ATTAATTCACCCAGGGAATTTAGCTATGCCCTCATGTCCCAGGAGAGAGCCACACGC
CTGTTTTCCATTTATAGCAAGATTGTTTGCATACTTTTGAATGAAGGGAGTGTCCAGT
GGAAGGATTTTTAAAATTATCTTATGGATAGCTCAAGTCTCTGCCATTTGAATTTTTGG
CTCTAAGTCCGATTGGAGACGCTTCTCCTTGTGCATGTGAGTTGACTGATGTTGTGAGT
GTAAATGCATTTGGTTATTTCTGGTATCGGTGGCCACTTGGATGGATTTTTTTACATTCT
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GGGCAGGGTGGGGTGGGGATGGAATGTGTGGCATGCACATGAGTTGAAATCTTTTATG
CATTTTTTGAAGAAAAAAAAAAAAAAAAAACAACCTGAGGACATAGGGGATGTCAGTTTC
CTATGGAAGAGACACCTCTGACCCGTTATCTTATAATCAAATCTGAAGGGAAAAAAT
GTTTTAGTTCTTCCCACTCGTTGGGTTCAACTAGATTAAGGCTGATTTTCAGAAAA
AAAAAAAAAAAAAAAAA
    
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**Restriction Sites:**

Please inquire

<b>ACCN:</b>	NM_001031711
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001031711.1</a></u> , <u><a href="#">NP_001026881.1</a></u>
<b>RefSeq Size:</b>	2836 bp
<b>RefSeq ORF:</b>	873 bp
<b>Locus ID:</b>	57222
<b>UniProt ID:</b>	<u><a href="#">Q969X5</a></u>
<b>Cytogenetics:</b>	5q35.1
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	This gene encodes a cycling membrane protein which is an endoplasmic reticulum-golgi intermediate compartment (ERGIC) protein which interacts with other members of this protein family to increase their turnover. [provided by RefSeq, Jul 2008]