

## Product datasheet for SC107826

### ERGIC3 (NM\_198398) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ERGIC3 (NM_198398) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERGIC3
Synonyms:	C2orf47; C20orf47; CGI-54; dj477O4.2; Erv46; NY-BR-84; PRO0989; SDBCAG84
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107826 sequence for NM_198398 edited (data generated by NextGen Sequencing)

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ATGGAGCGCTGGGGAAGCTGAAGCAGTTCGATGCCTACCCCAAGACTTTGGAGGACTTC
CGGGTCAAGACCTGCGGGGGCGCCACCGTGACCATTGTCAGTGGCCTTCTCATGCTGCTA
CTGTTCTGTCCGAGCTGCAAGTATTACCTACCCACGGAGGTGCATCCTGAGCTCTACGTG
GACAAGTCGCGGGGAGATAAACTGAAGATCAACATCGATGACTTTTTCCGCACATGCCT
TGTGCCTATCTGAGTATTGATGCCATGGATGTGGCCGGAGAACAGCAGCTGGATGTGAA
CACAACTGTTCAAGCAACGACTAGATAAAGATGGCATCCCCGTGAGCTCAGAGGCTGAG
CGGCATGAGCTTGGGAAAGTCGAGGTGACGGTGTGGACCCTGACTCCCTGGACCCTGAT
CGCTGTGAGAGCTGCTATGGTGTGAGGCAGAAGATATCAAGTGTGTAACACCTGTGAA
GATGTGCGGGAGGCATATCGCCGTAGAGGCTGGGCCTTCAAGAACCAGATACTATTGAG
CAGTGCCGGCGAGAGGGCTTCCAGCCAGAAGATGCAGGAGCAGAAGAATGAAGGCTGCCAG
GTGTATGGCTTCTTGAAAGTCAATAAGGTGGCCGAAAACCTCCACTTTGCCCTGGGAA
AGCTTCCAGCAGTCCCATGTGCACGTACATGCTGTGGAGATCCATGACTTGCAGAGCTTT
GGCCTTGACAACATCAACATGACCCACTACATCCAGCACCTGTCAATTTGGGGAGGACTAT
CCAGGCATTGTGAACCCCTGGACCACACCAATGTCACTGCGCCCCAAGCCTCCATGATG
TTCCAGTACTTTGTGAAGTGGTGGCCACTGTGTACATGAAGTGGACGGAGAGGTAAGT
AGGACAAATCAGTTCTCTGTGACCAGACATGAGAAGGTTGCCAATGGGCTGTTGGGCGAC
CAAGGCCTTCCCGAGTCTTCGTCCTCTATGAGCTCTCGCCCATGATGGTGAAGTGAAG
GAGAAGCACAGGTCCTTACCCACTTCCCTGACAGGTGTGTGCGCCATCATTGGGGGCATG
TTCACAGTGGCTGGACTCATCGATTGCTCATCTACCACTCAGCAGGATCCAGAAAG
AAAATTGATCTAGGGAAGACAACGTAG

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Clone variation with respect to NM\_198398.1



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_198398 unedited  
 CCGTTCCCAATTGTATACGATCATATAGGCGGCCGCGNAATTCGCACGAGCCCATGGAGG  
 CGCTGGGGAAGCTGAAGCAGTTCGATGCCTACCCCAAGACTTTGGAGGACTTCCGGGTCA  
 AGACCTGCGGGGGCGCCACCGTGACCATTGTCACTGGCCCTTCTCATGCTGCTACTGTTCC  
 TGTCCGAGCTGCAGTATTACCTACCACGGAGGTGCATCCTGAGCTCTACGTGGACAAGT  
 CGCGGGGAGATAAACTGAAGATCAACATCGATGTACTTTTTCCGCACATGCCTTGTGCCT  
 ATCTGAGTATTGATGCCATGGATGTGGCCGGAGAACAGCAGCTGGATGTGGAACACAACC  
 TGTTCAAGCAACGACTAGATAAAGATGGCATCCCGTGAGCTCAGAGGCTGAGCGGCATG  
 AGCTTGGGAAAGTCCAGGTGACGGTGTGGACCTGACTCCCTGGACCCTGATCGCTGTG  
 AGAGCTGCTATGGTGCTGAGGCAGAAGATCAAGTGCTGTAACACCTGTGAAGATGTGC  
 GGGAGGCATATCGCCGTAGAGGCTGGGCCTTCAAGAACCAGATACTATTGAGCAGTGCC  
 GGCGAGAGGGCTCAGCCAGAAGATGCAGGAGCAGAAGAATGAAGGCTGCCAGGTGTATG  
 GCTTCTTGAAGTCAATAAGGTGGCCGGCAACTCCACTTTGCCCTGNGAAGAGCTTCC  
 AGCAGTCCCATGTGCACGTACATGCTGTGGAGATCCATGACTTGC AAAGCTTTGCCCTTG  
 ACACATCATGACCCACTACTCCAGCACCTGTCATTTGGGGAAGACTATTCTAGCATTG  
 TGGACCCCTGGACCACACCCAAGTCACTGCGCCCCACGCTNCCATGAGNTCCCAGTAC  
 TTTGTGAAGGTGGGTGCCCT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_198398 unedited  
 CAGTCAACATCGCTTTATCAACCTGGGGCTGGGGCTGACCGAGGAGGTGGAGGTGGCAG  
 AGGCTGGGGGACAACCACAGTGCAGGGGAGAAAGAGGAGACAGAGGAAGCACCGAGGGT  
 GACTACGTTGTCTTCCCTAGATCAATTTCTTCTGGATGGCTCGTCTGAGTGGTAGATG  
 AGCGAATCGATGAGTCCAGCCACTGTGAACATGCCCCCAATGATGGCGCACACACCTGTC  
 AGGAAGTGGGTGAAGACCTGTGCTTCTCCGTACGCTTACCATCATGGGCGAGAGCTCA  
 TAGAGGACGAAGACTCCGGGAAGGCCTTGGTCGCCAACAGCCATTGGCAACCTTCTCA  
 TGTCTGGTACAGAGAAGTATTGTCCTCAGTACCTCTCCGTCCACCTCATGTACACA  
 GTGGGCACCACCTTCAAAAGTACTGGAACATCATGGAGGCTTGGGGCGCAGTGACATTG  
 GTGTGGTCCAGGGGGTTCAAAATGCCTGGATAGTCTCCCAATGACAGGTGCTGGATG  
 TAGTGGTTCATGTTGATGTTGTCAAGGCCAAAGCTCTGCAAGTCAAGTCTCCACAGCA  
 TGTACGTGCACATGGGACTGCTGGAAGCTTCCCAGGGGCAAAGTGAAGTTCGCGCC  
 ACCTTATTGACTTCCAAGAACCATACACCTGGCAGCCTTCACTTCTGCTCCTGCATCT  
 TTCTGGCTGAAGCCCTCTCGCCGCACTGCTCATTAGTATCTGGGTTCTTGAAAGCCAG  
 ACTCTACGGCGATATGCCCTTCCGCACATCCTTACCAGTGTACAGGACTTGATATCTTC  
 TGGCCTAAACCATATCAGCTTTACCGCGATCAAGGTCCAGGGGAGTAAGGTCAACACCGT  
 TACCTGACATTTCCAGCTCAGGGGTCAACCCTGGACTCCGGGAATCCTTTTTTTCAAT  
 CGTGGCTGAACGGT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_198398

**Insert Size:**

1560 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).

<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>NM_198398.1, NP_938408.1</u>
<b>RefSeq Size:</b>	1383 bp
<b>RefSeq ORF:</b>	1167 bp
<b>Locus ID:</b>	51614
<b>UniProt ID:</b>	<u>Q9Y282</u>
<b>Cytogenetics:</b>	20q11.22
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>Possible role in transport between endoplasmic reticulum and Golgi.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>