

## Product datasheet for SC319922

### ERGIC3 (NM\_015966) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ERGIC3 (NM_015966) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERGIC3
Synonyms:	C2orf47; C20orf47; CGI-54; dj477O4.2; Erv46; NY-BR-84; PRO0989; SDBCAG84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_015966.2  
 GTCCCCTTCCGGCCGGTCCCCATGGAGGCGCTGGGGAAGCTGAAGCAGTTCGATGCCTA  
 CCCCAAGACTTTGGAGGACTTCCGGGTCAAGACCTGCGGGGGCGCCACCGTGACCATTGT  
 CAGTGGCCTTCTCATGCTGCTACTGTTCTGTCCGAGCTGCAAGTATTACCTCACCACGGA  
 GGTGCATCCTGAGCTCTACGTGGACAAGTCGCGGGGAGATAAACTGAAGATCAACATCGA  
 TGTACTTTTTCCGCACATGCCTTGTGCCTATCTGAGTATTGATGCCATGGATGTGGCCGG  
 AGAACAGCAGCTGGATGTGGAACACAACCTGTTCAAGCAACGACTAGATAAAGATGGCAT  
 CCCCCTGAGCTCAGAGGCTGAGCGGCATGAGCTTGGGAAAGTCGAGGTGACGGTGTTTGA  
 CCCTGACTCCCTGGACCCTGATCGCTGTGAGAGCTGCTATGGTGTGAGGCAGAAGATAT  
 CAAGTGTGTAACACCTGTGAAGATGTGCGGGAGGCATATCGCCGTAGAGGCTGGGCCTT  
 CAAGAACCAGATACTATTGAGCAGTGCCGGCGAGAGGGCTTCAGCCAGAAGATGCAGGA  
 GCAGAAGAATGAAGGCTGCCAGGTGTATGGCTTCTTGAAGTCAATAAGGTGGCCGAAA  
 CTTCACCTTTGCCCTGGGAAGAGCTTCCAGCAGTCCCATGTGCACGTCCATGACTTGCA  
 GAGCTTTGGCCTTGACAACATCAACATGACCCACTACATCCAGCACCTGTCAATTTGGGGA  
 GGACTATCCAGGCATTGTGAACCCCTGGACCACCAATGTCACTGCGCCCAAGCCTC  
 CATGATGTTCCAGTACTTTGTGAAGGTGGTGCCTACTGTACATGAAGGTGGACGGAGA  
 GGTACTGAGGACAAATCAGTTCCTGTGACCAGACATGAGAAGGTTGCCAATGGGCTGTT  
 GGGCGACCAAGGCCTTCCCGAGTCTTCGTCTCTATGAGCTCTCGCCATGATGGTGAA  
 GCTGACGGAGAAGCACAGGTCTTCACCCACTTCTGACAGGTGTGTGCGCCATCATTGG  
 GGGCATGTTACAGTGGCTGGACTCATCGATTTCGCTCATCTACCACTCAGCACGAGCCAT  
 CCAGAAGAAAATTGATCTAGGGAAGACAACGTAGTCACCCCTCGGTGCTTCTCTGTCTCC  
 TCTTTCTCCCTGGCCTGTGGTTGTCCCCAGCCTCTGCCACCCTCCACCTCCTCGGTCAG  
 CCCCAGCCCCAGTTGATAAATCTATTGATTGATTGTGATAGTAAAAAAAAAAAAAAAAAA  
 AAAAAAAAA

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_015966
<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_015966.2</a></u> , <u><a href="#">NP_057050.1</a></u>
<b>RefSeq Size:</b>	1368 bp
<b>RefSeq ORF:</b>	1152 bp
<b>Locus ID:</b>	51614
<b>UniProt ID:</b>	<u><a href="#">Q9Y282</a></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 (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.</p>