

Product datasheet for **SC104480**

ERGIC1 (AK056217) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERGIC1 (AK056217) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERGIC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK056217, the custom clone sequence may differ by one or more nucleotides

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GATTGACAAATTCTGTAAAGGTTAAGACAGTAACATATTTAGGCTTTGTGGGCTACATGTGGTCTCTGTA
GCACATTCTTCTTTGTTGTTGCTGTTTGTTCATTTCGTTTGTGTTTGAACCTTTGGATAATGTAAACCACT
CTCTTTTTTTTTTGACAGAGTCTCTCTGTAGCCAGGCTGGAGGGCAATTGTACAATCTCGGCTCATT
CAACCTCCACCTCCCGGGTTCAGGCAATTCTCCTGCCTCAGCTTCCCGAGTAGCTGGGACTATAGGTGCG
TGCCACCATGCCAGCTAATATTTTTTTTTTTTTTGTATTTTAGTAGAGGCAGAGTTTCACCATGTTGG
CCAGGATGTTCTCGATCTCCTGACCTTGATCCGCCACCTCGGCTCCCAAAGTGCTGGGATTACAGG
TGTGAGCTACCGCACCTGCCAATATAAACTATTCTTAGCTCATGGGCTATGCAAAGCCTTAGGCTGACC
CCTGATCCAGACTGTCTTCTGAGACAAGCATTCTGTGAGCTGCCCCATGTGATAACTGAGTTGTGCAGT
AGCTGATGTGGTTTATTGCCTTCCCATCTACTGCATTGTCAGACCAGACTGACTGCACAGGAGCAGGTGG
AGGGGGGCTGCATATGCCAACCATTACTCTTCAATAGAGTGTCTTCATGAGCTCTCTCTCTCTCATT
ACTGACTACCTCAGTGTAGAAACCTCATTTTTTTCCCCAGACCTATCCTTGTTACCCAATGTGCCTCTG
CTTCCCTGGGTTTGGGATAAACTGGAAGGAGAGAATTTCTGAGTTCTCTACTTATTTTGTTCATAACT
TCTCCCTCATATCTGTGGTTGGAGACTCCACCCCTTGCCACCCTTTCCTGCCTCATACTAGTATCATGA
GTTTAGGGCTGTGCTGGAAAGTCTGGCAGCCAGGCCATAGGATTCCAGTTCAGCTACGATTTCTAG
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CACAGTTTTTCCCTGCCTTCTGGACCCTCAGCCCTGGGATGGGCTCCTTGGGATTGCCCATGCAACAAC
ACAGCCACAAGACATTGAGCACACCCTCCTCCTGTGTTTTGAATCTCTAAATGAATTCTGTTCTAAAG
CTTCTTCACGTCTCTCTCCATCCTGCTCCCATCTCCACCTCTAATGCTTCTTGGGAGTCTGAAGCTCAGA
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GATCTGATGGGACTGGTCAAGAAGGGGATGGTGGGGGCTCCTGAAGCATTGCCCCCTTCTGCCTCTTGA
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GCTTGATTTCTGTCATTTGAGCCCAGGGATCTACCCACTTACTGAAATCTAAATTTTAAAAATCAGTGA
TGAAAGTAATTTTCAGGATTTCCCTATTTAAAAGCATCCATGAAACAGTTCCTTTATGCCTTCTGTTTAG
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CCAAAAGCAAACCTGAGGAATGAGCATTGGCCAGTCCCTAGTATGAAGTCAAGAGGTGGACTTTTGTAAAGT
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CTTTTTCTGTAAAAATC
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK056217 unedited
 TCCCCGCCCGTTGNCGCAAAGGGCGGTAGGCGTGACGGTGGGAGGTCTATATAAGCA
 GAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCGA
 ATTCGGCACGAGGCTTCTCTCGTTTCTTTTTCGAGGATGCTTAGAGGCTTCTCACCAG
 AGATTGGTGAGGTTTCCCCATCATCTAGATGGGAGATTGACAAATCTGTAAAGGTTAA
 GACAGTAACTATTTAGGTTTTGTGGGTACATGTGGTCTCTGTAGCACATTCTCTTTG
 TTGTTGCTGTTTGTTCATTCTGTTTGTGCAACCTTTGGATAATGTAACCACTCTCTT
 TTTTTGACAGAGTCTCTCTGTAGCCAGGCTGGAGGGCAATTGTACAATCTCGGCTCA
 TTACAACCTCCACCTCCCGGTTTCAGGCAATTCTCCTGCCTCAGCTTCCCGAGTAGCTGG
 GACTATAGGTGCGTGCCACCATGCCAGCTAATTTTTTTTTTTTTTTGTATTTTAGTA
 GAGGCAGAGTTTACCATGTTGGCCAGGATGTTCTCGATCTCCTGACCTTGTGATCCGCC
 CACCTCGGCTCCCAAAGTGCTGGGATTACAGGTGTGAGTACCGCACCTGCCAATATA
 AACTATTCTTAGCTCATGGGCTATGCAAAGCCTTAGGCTGACCCCTGATCCAGACTGTCT
 TCTGAGACAAGCATTTCTGTGAGCTGCCCCATGTGAACTGNAGTTGTGCAGTAGCTGAT
 GTGGTTTATTGCCTTCCCATCTACTGCATTGTCAGACCAGACTGACTGCCANGAGCAGGT
 GGAGGGGGGCTGCATATGCCACCATTACTCTTCATAGAGTGCCTTCATGAGCTCTCTCTC
 TCTCTCACTGACTACCTCAGTGTAGAACCCTCTTTTTNCCCAGACTNTCCTGTGTAC
 CNAAGTGCCTCTGCTCCCN

3' Read Nucleotide Sequence:

>OriGene 3' read for AK056217 unedited
 ACCTTTCCTTTTGATTTTAACAGATTTATTTATTTTAAGAAGACACAAACAGCTCTAGCT
 ATATAAGAATACAGTTCAATTGCTGGTAGCAAGCCAGTAAGGAATGCCTTTTTTTTTTA
 AAGAAAGACAAGAAAAACCTTTGTAATATCACCCACAGAGGGCTCCCTTTTCTTTGTT
 GTTGGAATCCTAAAAAGACTGAGGTCGGGATCTCTCCTACTTTCTGCTTCTTCTGAAAT
 GTTAGGGACACATTCCCAGCTCTAGGAGATGTGTCTTCTGTACCTTCCAGTTTAAGGT
 ATGGTCTGTAAATTCTTGTCTCCCTTATTTTTCTAAGTGCAATTGTTGGCATTTCAGTAAGC
 ACTAAATGGTAAGGGCTAACTTAACAAAAGTCCACCTCTTGACTTCATACTAGGACTGGC
 CAATGCTCATTCTCAGTTTGTCTTTGGCAAGTGTAGTATTTTGTGCTTTTGGATCCA
 AGGCACAAGCCTGGTTTCCCTTCTAATTCTGGAATCCTAAACAGAAGGCATAAAGGAA
 CTGTTTCATGGATGCTTTTAAATAGGGAAATCCTGAAAATTACTTTCATCACTGATNTT
 TAAAAATTTAGATTTTCAGTAAGTGGGTAGATCCCTGGGCTCAAATGACAGAAATCAAGCTA
 AAGATTCTAAAGAAGCATTTGCTGAGCTAGGATAAGCTGCAGCCTGAGACCTAAGTCTGA
 GTGGCTGAGTCCACATCAAATTANAGTGCTAGCCCTCTGTATGTCAGCCTGTTTTGAATG
 GCCAAGGAAAGAAGTCTCCAGAGGCAAGAAGGGCAATGCTTCAAGAGCCCCCACCT

Restriction Sites:

NotI-NotI

ACCN:

AK056217

Insert Size:

2500 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:

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: [AK056217.1](#)

RefSeq Size: 2397 bp

RefSeq ORF: 2397 bp

Locus ID: 57222

Cytogenetics: 5q35.1

Protein Families: Transmembrane

Gene Summary: 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]