

Product datasheet for **RC204084**

ERGIC3 (NM_015966) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERGIC3 (NM_015966) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ERGIC3
Synonyms:	C2orf47; C20orf47; CGI-54; dj477O4.2; Erv46; NY-BR-84; PRO0989; SDBCAG84
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204084 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCGCTGGGAAGCTGAAGCAGTTCGATGCCTACCCCAAGACTTTGGAGGACTTCCGGGTCAAGA
CCTGCGGGGGCGCCACCGTGACCATTGTCAGTGGCCTTCTCATGCTGCTACTGTTCTGTCCGAGCTGCA
GTATTACCTCACACGGAGGTGCATCCTGAGCTCTACGTGGACAAGTCGCGGGGAGATAAAGTGAAGATC
AACATCGATGTACTTTTTCCGCACATGCCTTGTGCCTATCTGAGTATTGATGCCATGGATGTGCCGGAG
AACAGCAGCTGGATGTGGAACACAACCTGTTCAAGCAACGACTAGATAAAGATGGCATCCCCGTGAGCTC
AGAGGCTGAGCGCATGAGCTTGGGAAAGTCGAGGTGACGGTGTGGACCCTGACTCCCTGGACCCTGAT
CGCTGTGAGAGCTGCTATGGTGTGAGGCAGAAGATATCAAGTGTGTAACACCTGTGAAGATGTGCCGG
AGGCATATCGCCGTAGAGGCTGGGCCTTCAAGAACCCAGATACTATTGAGCAGTCCCGCGAGAGGGCTT
CAGCCAGAAGATGCAGGAGCAGAAGAAATGAAGGCTGCCAGGTGTATGGCTTCTTGGAAAGTCAATAAGGTG
GCCGAAACTTCCACTTTGCCCTGGGAAGAGCTTCCAGCAGTCCCATGTGCACGTCCATGACTTGACAGA
GCTTTGGCCTTGACAACATCAACATGACCCACTACATCCAGCACCTGTGATTTGGGGAGGACTATCCAGG
CATTGTGAACCCCTGGACCACCAATGTCACCTGCGCCCAAGCCTCCATGATGTTCCAGTACTTTGTG
AAGGTGGTGCCCACTGTGTACATGAAGGTGGACGGAGAGGTACTGAGGACAAATCAGTTCTGTGACCA
GACATGAGAAGGTTGCCAATGGGCTGTTGGGCGACCAAGGCCCTCCCGGAGTCTTCGTCTCTATGAGCT
CTCGCCATGATGGTGAAGCTGACGGAGAAGCACAGGTCCTTACCCACTTCTGACAGGTGTGTGCCCC
ATCATTGGGGCATGTTACAGTGGCTGGACTCATCGATTGCTCATCTACCACTCAGCACGAGCCATCC
AGAAGAAAATTGATCTAGGAAGACAACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_015966.3](#)

RefSeq Size: 1368 bp

RefSeq ORF: 1152 bp

Locus ID: 51614

UniProt ID: [Q9Y282](#)

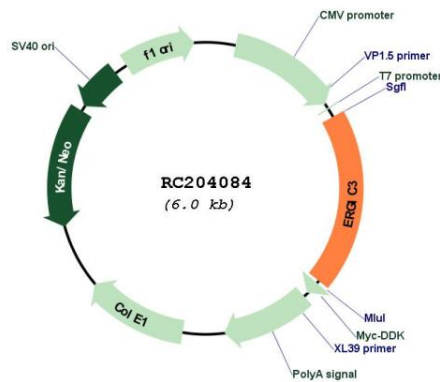
Cytogenetics: 20q11.22

Protein Families: Transmembrane

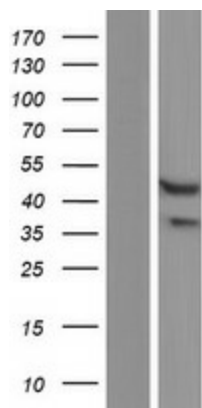
MW: 43.2 kDa

Gene Summary: Possible role in transport between endoplasmic reticulum and Golgi.[UniProtKB/Swiss-Prot Function]

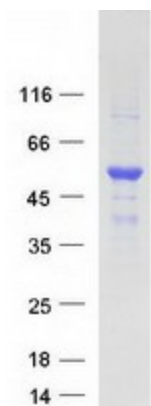
Product images:



Circular map for RC204084



Western blot validation of overexpression lysate (Cat# [LY402478]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204084 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ERGIC3 protein (Cat# [TP304084]). The protein was produced from HEK293T cells transfected with ERGIC3 cDNA clone (Cat# RC204084) using MegaTran 2.0 (Cat# [TT210002]).