

Product datasheet for **RC209684**

ERVMER34-1 (NM_024534) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERVMER34-1 (NM_024534) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ERVMER34-1
Synonyms:	envMER34; HEMO
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC209684 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTCCCTTTCAAACACTATGCCCTGCTTCAACTAACCCCTACTGCTTTTTTGGACAATTCTAGTACAAC
 CTCAGCACCTGCTTGCTCCAGTTTTCCGGACACTATCTATCTTGACTAATCAGTCTAATTGCTGGTTATG
 TGAACATCTAGATAATGCAGAACAACCCGAACTAGTTTTTGTTCCTGCCAGTGCAAGCACCTGGTGGACC
 TATTCTGGACAATGGATGTATGAAAGGGTGTGGTATCCACAAGCAGAAGTACAGAATCACTCTACTTCTCT
 CCTATCGTAAAGTGACTTGGCACTGGGAAGCCTCCATGGAAGCTCAAGGTCTATCCTTTGCTCAAGTAAG
 GTTATTGGAGGAAAATTTTCTCTTTGCGTAGAAAATAAAAAATGGCAGTGGACCCCTTCTAGGTAATATA
 CCTAAACAATACTGTAATCAAATACTATGGTTTGATTCTACAGATGGCACCTTCATGCCCTCTATAGATG
 TTACAAATGAATCCAGGAACGATGATGATGATACAAGTGTTCCTAGGCACTAGACAATGTTCTGGTT
 TGCAGGTTGCACAAACCGGACCTGGAACAGCTCAGCTGTTCCCTTGATTGGTCTGCCAATACCCAAGAC
 TACAAATGGGTAGATCGAAATTCGATTGACCTGGTCAGGTAATGACACCTGTCTCTATAGCTGCCAAA
 ACCAAACCAAAGGCCCTTCTGTACCAGCTATTTCCGAACCTATTTTGTCTTATGGCCTGACAGAGGCACA
 TGGGAAATGGAGATGTGCAGATGCCAGCATAACTAATGACAAAGGTATGATGGACACCGGACCCCAACC
 TGGTGGCTCACAGGTTCCAATCTGACCTTGTCTGTGAACAACCTCTGGCCTCTTTTTTTTGTGCGGCAATG
 GGGTGTACAAAGGGTTCCACCTAAATGGTCTGGGCGATGTGGACTTGGGTATCTGTACCTTCCCTCAC
 CAGATACCTCACCTTAAATGCTAGCCAAATTAACAACCTGAGATCCTTCATTCATAAAGTAACACCGCAT
 AGATGCCACCAAGGAGACACAGACAATCCACCTGTGATTGCAACCCCAAGGACAATTCAACAATAAGGG
 CCCTTTTTCCAAGTTTGGAACTTATGATTTAGAAAAGGCAATTCTAAACATTTCCAAGCAATGGAACA
 GGAATTCAGTGCCACTAAGCAGACCTTGAAGCACCAATCAAAAAGTTAGCAGTTTAGCCTCTGCATCC
 CGAAAGGATCATGTCTTGGATATACCGACCACCAACGACAAACGGCTTGTGGAAGTGTGGCAACAGT
 GTTGCCTCTATATAAATATTCCGAAGAATAAAGTCTAATATACAGCGTCTCCACGAAGCATCCGAGAA
 CCTGAAGAATGTACCGTTACTTGATTGGCAAGGCATATTTGCAAAAGTGGGAGACTGGTTCAGATCATGG
 GGCTATGTGCTTTTAATTGTTCTTTTCTGCTTATTCATCTTTGTTTTAATCTATGTTCTGTCTTTTCGCA
 AATCTCGCAGATCCCTTAACTCCCAACCTCTGAACCTAGCCTTATCTCCACAGCAATCAGCACAGCTCT
 TGTGAGTAACTTCATGTCAAGTTTCAAATAGGGCAATGAAGGGACTAACAAACCATCAATATGACACA
 AGTCTACTT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209684 protein sequence
 Red=Cloning site Green=Tags(s)

MGSLSNYALLQLTLTAFLTILVQPQHLLAPVFRTLILTNQSNWLCHELDNAEQPELVFVPASASTWWT
 YSGQWYERVWYPQAEVQNHSTSSYRKVTWHWEASMEAQGLSFAQVRLLEGNFSLCVENKNGSGPFLGNI
 PKQYCNQILWFDSTDGTMP SIDVTNESRND DDT SVCLGTRQCSWFAGCTNRTWNSSAVPLIGLPNTQD
 YKWVDRNSGLTWSGNDTCLYSCQNQTKGLLYQLFRNFLFCSYGLTEAHGKWRCADASITNDKGDHGHRTPT
 WWLTGSNLTLVNNNSGLFFLCGNGVYKGFPPKWSGRCGLGYLVPSTRYLTLNASQITNLRSF IHKVT
 RCTQGDNDNPPLYCNPKNSTIRALFPSLGTYDLEKAILNISKAMEQEF SATKQTLEAHQSKVSSLASAS
 RKDHLVDIPTTQRQTACGTVGKQCCLYINYSSEEIKSNIQRLHEASENLKNVPLLDWQGI FAKVGDWFRSW
 GYVLLIVLFCLFIFVLIYVRVFRKSRRLNSQLNLALSPQQAQLLVSETSCQVSNRAMKGLTTHQYDT
 SLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6545_c05.zip

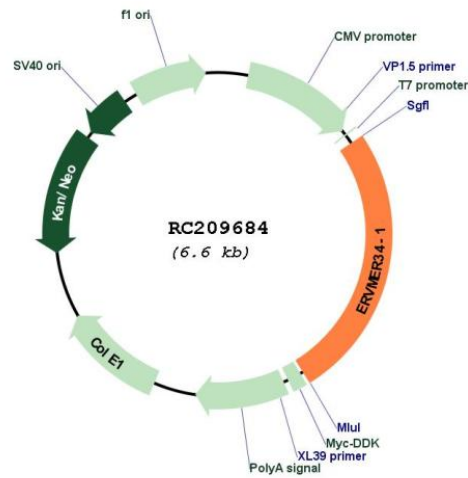
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_024534
 ORF Size: 1689 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_024534.5
RefSeq Size:	3009 bp
RefSeq ORF:	1692 bp
Locus ID:	100288413
MW:	63.5 kDa