

Datasheet for ABIN4919820

Human ERVMER34-1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ERVMER34-1
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human ERVMER34-1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1692 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGCTCCC TTTCAAATA TGCCCTGCTT CAACTAACCC TTAGTGCTTT TTTGACAATT CTAGTACAAC CTCAGCACCT GCTTGCTCCA GTTTTCCGGA CACTATCTAT CTTGACTAAT CAGTCTAATT GCTGGTTATG TGAACATCTA GATAATGCAG AACAACCCGA ACTAGTTTTT GTTCTGCCA GTGCAAGCAC CTGGTGGACC TATTCTGGAC AATGGATGTA TGAAAGGGTG

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TGGTATCCAC AAGCAGAAGT ACAGAATCAC TCTACTTCCT CCTATCGTAA AGTGACTTGG
CACTGGGAAG CCTCCATGGA AGCTCAAGGT CTATCCTTTG CTCAAGTAAG GTTATTGGAG
GGAAATTTTT CTCTTTGCGT AGAAAATAAA AATGGCAGTG GACCCTTCCT AGGTAATATA
CCTAAACAAT ACTGTAATCA AATACTATGG TTTGATTCTA CAGATGGCAC CTTTCATGCCC
TCTATAGATG TTACAAATGA ATCCAGGAAC GATGATGATG ATACAAGTGT TTGCCTAGGC
ACTAGACAAT GTTCCTGGTT TGCAGGTTGC ACAAACCGGA CCTGGAACAG CTCAGCTGTT
CCCTTGATTG GTCTGCCCAA TACCCAAGAC TACAAATGGG TAGATCGAAA TTCTGGATTG
ACCTGGTCAG GTAATGACAC CTGTCTCTAT AGCTGCCAAA ACCAAACCAA AGGCCTTCTG
TACCAGCTAT TTCGCAACCT ATTTTGCTCT TATGGCCTGA CAGAGGCACA TGGGAAATGG
AGATGTGCAG ATGCCAGCAT AACTAATGAC AAAGGTCATG ATGGACACCG GACCCCCACC
TGGTGGCTCA CAGGTTCCAA TCTGACCTTG TCTGTGAACA ACTCTGGCCT CTTTTTTTTG
TGCGGCAATG GGGTGTACAA AGGGTTTCCA CCTAAATGGT CTGGGCGATG TGGACTTGGG
TATCTTGATC CTTCCCTCAC CAGATACCTC ACCTTAAATG CTAGCCAAAT TACAAACCTG
AGATCCTTCA TTCATAAAGT AACACCGCAT AGATGCACCC AAGGAGACAC AGACAATCCA
CCTCTGTATT GCAACCCCAA GGACAATTCA ACAATAAGGG CCCTTTTTTCC AAGTTTGGA
ACTTATGATT TAGAAAAGGC AATTCTAAAC ATTTCCAAAG CAATGGAACA GGAATTCAGT
GCCACTAAGC AGACCTTGGA AGCACACCAA TCAAAAGTTA GCAGTTTAGC CTCTGCATCC
CGAAAGGATC ATGTCTTGGA TATACCGACC ACCCAACGAC AAACGGCTTG TGGAACCTGT
GGCAAACAGT GTTGCCTCTA TATAAATTAT TCGGAAGAAA TAAAGTCTAA TATACAGCGT
CTCCACGAAG CATCCGAGAA CCTGAAGAAT GTACCGTTAC TTGATTGGCA AGGCATATTT
GCAAAAGTGG GAGACTGGTT CAGATCATGG GGCTATGTGC TTTTAATTGT TCTTTTCTGC
TTATTCATCT TTGTTTTAAT CTATGTTTCGT GTCTTTCGCA AATCTCGCAG ATCCCTTAAC
TCCCAACCTC TGAACCTAGC CTTATCTCCA CAGCAATCAG CACAGCTCCT TGTCAGTGAA
ACTTCATGTC AAGTTTCAAA TAGGGCAATG AAGGGACTAA CAACCCATCA ATATGACACA
AGTCTACTTT GA

Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology
Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	<ul style="list-style-type: none">Forward primer: 5'-TAATACGACTCACTATAGGG-3'Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene:	ERVMER34-1
Alternative Name:	ERVMER34-1 (ERVMER34-1 Products)
Gene ID:	100288413
NCBI Accession:	NM_024534

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• Keep the vial sealed and store at -20°C for long-term storage.• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.• Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.• Close the lid and vortex the vial for 1 minute.• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
Expiry Date:	12 months

Publications

Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)
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