

Product datasheet for **RC206954**

FAM194A (ERICH6) (NM_152394) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	FAM194A
Synonyms:	C3orf44; ERICH6A; FAM194A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC206954 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCACTTGCCTCGCCTAGCGGCTTCGGAGACCCGGGAAGAAGGACCAGAAGGAGTCAGAGGAGG
 AGTTAGAGGAGGAGGAGGAGGAGGAAGAGGTGGAGGAGGAGGAGGAAGAGGTGGAGGAGGAGGAGGAAGA
 GGTGGAGGAGGAGGAGGAGGAGGTGGTGGAGGAGGAGTTGGTGGGGGAAGAGCAGGAGTTGGAGGCCCT
 GAGACGTTACGCAAGAGTACCTCTGGAAGGTACGGACATCGGTGACTACGACGATGACTTCCCAGACG
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 CAGCACTGAAACGCCGAGCGCAAGCCACCTCCAGCACCTCTCGCATAAAAGTTTCCCTAAAAATTTT
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 TCATAAACTGAAGGATGTGTGAATTTCCCTCAAGCCAGGTTTGGGAAAAATTAAGCAACCTTCTAC
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 CAATAAGAAATATAATAATGAAGAAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC206954 protein sequence
 Red=Cloning site Green=Tags(s)

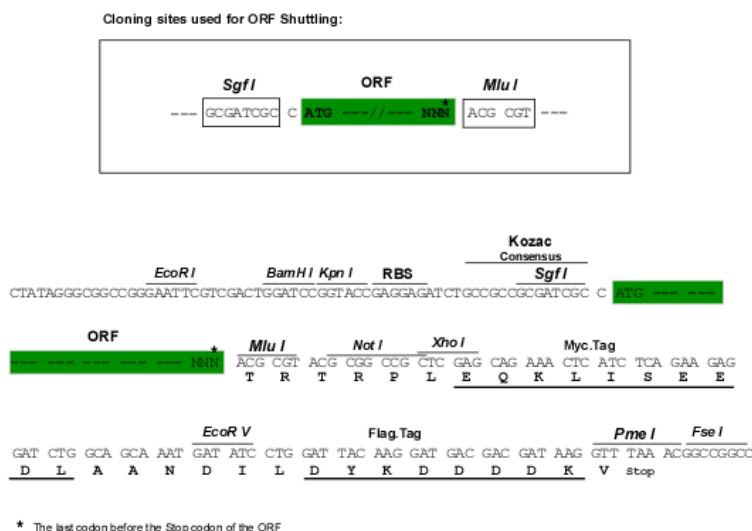
MAHLRSPSGFGDPGKDKQKESEEELEEEEEVEEEEEVEEEEEVEEEEEVEEEELVGEQELEAP
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 EESKLNILYELEFKEDFITLFEPSRLTLPISIGPPSILAYKESSNLGINFKDEEEETSPKCEFCGSDLRA
 FFSNVDVSSEPKGHASCCIAFQNLIDYIYEEQIKTKPKAELIAIDPHAHGVSEVDRKAKEKALQRKQE
 QRMARHFAIISREQTHFSEDDSKRLKTIISYQLSVDIPEKQIIDDIVDFQLRNSNMSIICDSRIACGKV
 VRNELLEKHKGSKFLTSFPDGTQIFYPGSLNLAIRVFNKVNFTCIVQEDMPTNPAILAVLDSGRS
 SCYHPNGNVVYINILGGQYSDQAGNRIRAWNWSNITSSPFVSFKPVFLALNRYIGVRILEQDKISITF
 LAMGQQARISVGTKVLPNPEEIPILRYVSGDDLALLASLIKIRRLFHKLEGCNVFPSSQVWEKLQPSY
 LSSLSLKLIALCHSSGIKQDIMKTIRNIINEEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk671l_c12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152394

ORF Size: 1989 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.

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:

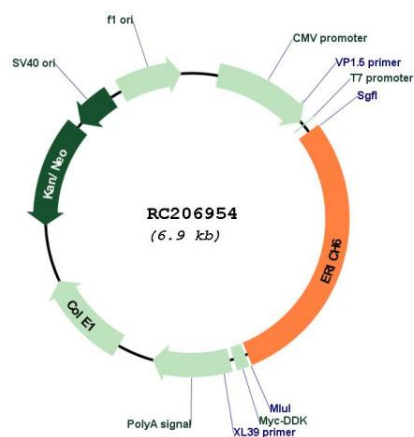
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22µm filter is required.

RefSeq: NM_152394.3, NP_689607.2

RefSeq Size: 2067 bp
RefSeq ORF: 1992 bp
Locus ID: 131831
UniProt ID: [Q7L0X2](#)
Cytogenetics: 3q25.1
MW: 75.3 kDa

Product images:



Circular map for RC206954