

Product datasheet for **RG207169**

EAF1 (NM_033083) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: EAF1 (NM_033083) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: EAF1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG207169 representing NM_033083
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGGGACCGCAAACCCGCTGCTGGACCGCGAGGAACATTGCCTGAGGCTCGGGGAGAGCTTCGAGA
AGCGGCCGCGGGCCTCCTCCACACTATTCGTTATGATTTAAACCAGCATCTATAGACACTTCCTGTGA
AGGAGAGCTTCAAGTTGGCAAAGGAGATGAAGTCACAATTACACTCCACATATCCCTGGATCCACACCA
CCCATGACTGTGTTCAAGGGAAACAAACGGCCTTACCAGAAAGACTGTGTGCTTATTATTAATCATGACA
CTGGTGAATTTGTCTGGAAAACTCAGTAGCAGCATTACAGTGAAGAAAACAAGAGCTGAGGGCAGCAG
TAAAATCCAGGCCGAATGGAACAGCAGCCCACTCGTCCTCCACAGACGTCACAGCCACCACCCTCCA
CCACCTATGCCATTAGAGCTCCAACGAAGCCTCCAGTTGGACCCAAAATTCTCCCTTGAAGATAACC
CCTCACCTGAACCTCAGTTGGATGACATCAAAGAGAGCTGAGGGCTGAAGTTGACATTATTGAACAAAT
GAGCAGCAGCAGTGGGAGCAGCTCTCAGACTCTGAGAGCTCTTCGGGAAGTGATGACGATAGCTCCAGC
AGTGGAGGCGAGGACAATGGCCAGCCTCTCCTCCGAGCCTTACACCAGCAGCCCTACAACAGTAGGC
CTGCCGTTGCCAATGGAACAGCCGGCCACAAGGAAGCAACCAGCTCATGAACGCCCTCAGAAATGACTT
GCAGTTGAGTGAGTCTGGCAGTGACAGTGATGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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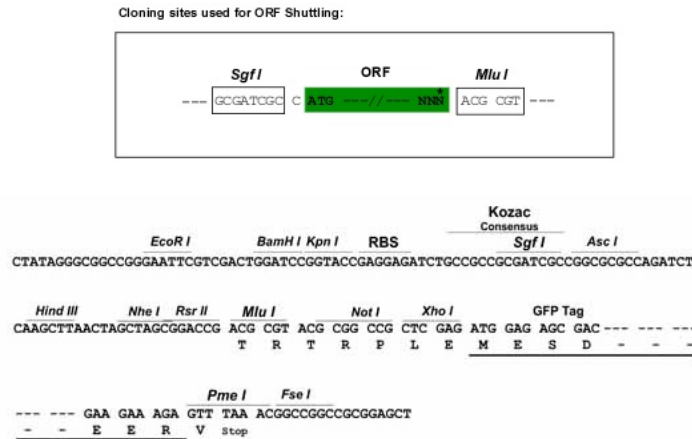
Protein Sequence: >RG207169 representing NM_033083
 Red=Cloning site Green=Tags(s)

MNGTANPLLDREEHCLRLGESFEKRPRASFHTIRYDFKPPASIDTSCEGELQVKGDEVTITLPHIPGSTP
 PMTVFKGNKRPYQKDCVLIINHDTGEFVLEKLSSTIQVKKTRAEGSSKIQARMEQQPTRPPQTSQPPPPP
 PPMPFRAPTKPPVGPPTSPLKDNPSPEPQLDDIKRELRAEVDIIIEQMSSSSGSSSSDSESSSGSDDDSSS
 SGGEDNGPASPPQPSHQQPYNSRPAVANGTSRPQGSNQLMNALRNDLQLSESGSDSD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_033083

ORF Size: 804 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.

RefSeq: [NM_033083.3](#)

RefSeq Size: 4503 bp

RefSeq ORF: 807 bp

Locus ID: 85403

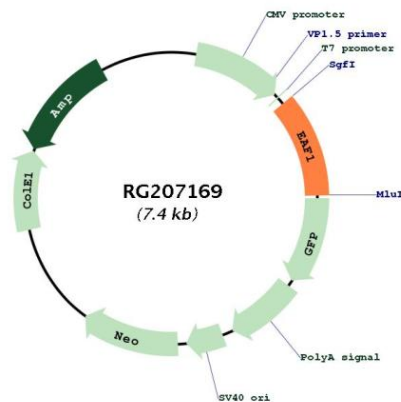
UniProt ID: [Q96JC9](#)

Cytogenetics: 3p25.1

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: Acts as a transcriptional transactivator of ELL and ELL2 elongation activities.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207169