

Product datasheet for RC219823

EIF4E1B (NM_001099408) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | EIF4E1B (NM_001099408) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | EIF4E1B |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RC219823 representing NM_001099408 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTGCTGTTGAGGTGAGTGAAGCTGAGGGTGAATCCGAGAGTGGGAGGAGGAGGAGAAGGAGGAGG
AGGCAGCAGAGAGGACGCCACAGGAGAAAAGTCTCCAACTCTCCAGGACTTTGCTGTCTCTGAGAGG
GAAGGCCCGGACGGGGGGCCCATGGAAGTCAAGCTGGAGCTGCACCCCTTGACAGAACAGGTGGGCTCTG
TGGTTCTTCAAGAATGACCGCAGCCGGGCTGGCAGGACAACCTGCACCTGGTCACCAAGGTGGACTCTG
TGGAGACTTCTGGCGCTATACAGTCACATCCAGCTGGCCAGCAAGCTCTCCTCTGGCTGTGACTACGC
CCTCTTCAAGGATGGCATCCAGCCCATGTGGGAGGACAGCAGGAATAAACGGGGTGGCCGCTGGCTGGTC
AGCCTGGCCAAGCAGCAGCGCCACATTGAGCTGGACCGGCTGTGGCTGGAGACGCTGCTGTGTCTGATCG
GGGAGAGCTTTGAGGAACACAGCAGAGAGGTATGTGGGGCCGTCGTCACATCCGCACCAAGGGGACAA
GATCGCTGTGTGGACGAGGGAGGCGAAAACCAGGCGGGCGTGTGCACGTTGGGCGTGTATACAAAGAG
CGCCTGGGCTCTCCCAAAGACCATCATTGGGTACCAGGCCATGCAGACACAGCCACCAAGAGCAACT
CCCTAGCCAAGAACAAGTTTGTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_001099408.2](#)

RefSeq Size: 1974 bp

RefSeq ORF: 729 bp

Locus ID: 253314

UniProt ID: [A6NMX2](#)

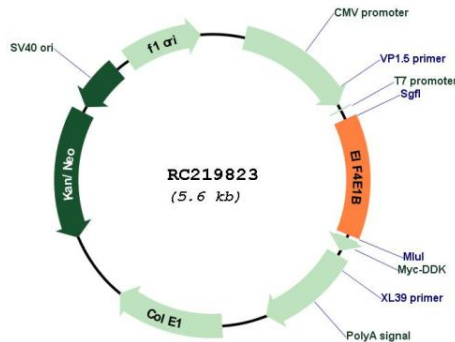
Cytogenetics: 5q35.2

Protein Pathways: Insulin signaling pathway, mTOR signaling pathway

MW: 27.4 kDa

Gene Summary: Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structure.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC219823