

Product datasheet for **RC237145**

EEF1D (NM_001289950) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EEF1D (NM_001289950) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EEF1D
Synonyms:	EF-1D; EF1D; FP1047
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC237145 representing NM_001289950
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGAGCGGGAAGGCCTCCTGCACCCTGGAGACCGTGTGGAAGACAAGCACAAGTATGAGGAGGCCG
AGCGGGCCTTCTACGAACACGAGGCCACACAGGGCGCCGCTCCGCCAGCAGCTGCCAGCCGAGGGGCC
AGCCATGAATGGGCCCGCCAGGACGACCTGAGGACGCTGATGAGGCGGAAGCCCTGACGGCGGCAGC
AGGCGTGATCCCAGGAAGAGCCAGGACAGCAGGAAGCCCTGCAGAAAAAGAGGAAGCGCTCCCCAAGA
GCGGGCTCGGCCCGGGACCTGGCCCTCCTGGCCCTCTCGGCCGAACGTGTGTGGCTGGACAAGTCACT
TTTCGACCAGGCAGAGAGCTCCTACCGCCAGAAGCTGGCAGATGTGGCTGCCAGGCAGCCTGGCCCTCT
GCCTTGGCCCTTGGGGTCTCTGCACCCATGGAACCAGGTGGCCTGCCACCACGTGACCTGGGGGATCT
GGGTCAACAAGTCTCCTTCGACCAGGCTGAGCGGGCCTTCGTGGAGTGGTCTCAGGCCCTGTTGCTGGC
CCCCGAGGGCAGCCGAGGACGGGACTCCCAACACAGGCCAGCAGGTGGCCGTCGCCGACTGGCCAC
CAGCCCAGCCACCGGTCAATGGCCAGCCCCGCTGGGCAGCCTGCAGGCACTGGTTCGGGAGGTGTGGC
TGGAGAAGCCCCGGTATGATGCAGCCGAGAGGGGCTTCTACGAGGCCCTGTTTGACGGCCATCCCCCAGG
GAAGGTGCCTGCAAGAGCGAGCCGGCCTGGCCGAGGGTGCCTGGCGGGGGCCGAGAGACCGGGGGG
CGCAACATCTTAGGGAACAAGCGGGCGGGCTGCGACGGGCCGATGGGGAGGCCCTCTGCCTTGCCT
ACTGTTACTTCTGCAGAAGGATGCAGAGGCCCTGGCTCAGCAAGCCTGCCTACGACAGCGCCGAGTG
CCGCCACCACGCTGCCGAGGCCCTGCGTGTGGCCTGGTGCCTCGAAGCTGCCTCCCTGTCTACCGACCC
GGTCTCGGTCTGGCCTGTCCGTGTCCAGCCTGAGACCCAACAGAAAAATGGCTACAACTTCTAGCAC
ATGAGAAGATCTGGTTCGACAAGTTCAAATATGACGACGCAGAAAGGAGATTCTACGAGCAGATGAACGG
GCCTGTGGCAGGTGCCTCCCGCCAGGAGAACGGCGCCAGCGTGATCCTCCGTGACATTGCGAGAGCCAGA
GAGAACATCCAGAAATCCCTGGCTGGAAGCTCAGGCCCGGGGCCCTCCAGCGGCACCAGCGGAGACCAG
GTGAGCTCGTCCGATTGCCAGTCTGGAAGTGGAGAACCAGAGTCTGCGTGGCGTGGTACAGGAGCT
GCAGCAGGCCATCTCAAGCTGGAGGCCCGGCTGAACGTGCTGGAGAAGAGCTCGCTGGCCACCGGGCC
ACGGCCCCACAGACCAGCACGTATCTCCATGCGCCAAGTGGAGCCCCAGCCAAGAAGCCAGCCACAC
CAGCAGAGGATGACGAGGATGATGACATTGACCTGTTTGGCAGTGACAATGAGGAGGAGGACAAGGAGGC
GGCACAGCTGCGGGAGGAGCGGCTACGGCAGTACGCGGAGAAGAAGGCCAAGAAGCCTGCACTGGTGGCC
AAGTCTCCATCCTGCTGGATGTCAAGCCTTGGGATGATGAGACGGACATGGCCCAGCTGGAGGCCTGTG
TGCCTCTATCCAGCTGGACGGGCTGGTCTGGGGGCTTCCAAGCTGGTGCCTGGGCTACGGTATCCG
GAAGCTACAGATTCAAGTGTGGTGGAGGACGACAAGGTGGGGACAGACTTGCTGGAGGAGGAGATCACC
AAGTTTGGAGGACAGTGCAGAGTGTGCATATCGCAGCTTTCAACAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_001289950.1](#), [NM_001289950.2](#), [NP_001276879.1](#)

RefSeq Size: 1273 bp

RefSeq ORF: 846 bp

Locus ID: 1936

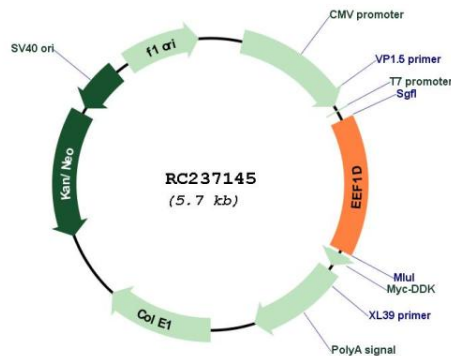
UniProt ID: [P29692](#)

Cytogenetics: 8q24.3

MW: 71.4 kDa

Gene Summary: This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit, delta, functions as guanine nucleotide exchange factor. It is reported that following HIV-1 infection, this subunit interacts with HIV-1 Tat. This interaction results in repression of translation of host cell proteins and enhanced translation of viral proteins. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. Related pseudogenes have been defined on chromosomes 1, 6, 7, 9, 11, 13, 17, 19.[provided by RefSeq, Aug 2010]

Product images:



Circular map for RC237145