

Product datasheet for **SC104703**

EEF1D (NM_032378) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EEF1D (NM_032378) Human Untagged Clone
Tag:	Tag Free
Symbol:	EEF1D
Synonyms:	EF-1D; EF1D; FP1047
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_032378, the custom clone sequence may differ by one or more nucleotides

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ATGAGGAGCGGGAAGGCCTCTGCACCCTGGAGACCGTGTGGGAAGACAAGCACAAGTATGAGGAGGCCG
AGCGGCGCTTCTACGAACACGAGGCCACACAGGCGGCCGCTCCGCCAGCAGCTGCCAGCCGAGGGGCC
AGCCATGAATGGGCCCGGCCAGGACACCCTGAGGACGCTGATGAGGCGGAAGCCCTGACGGCGGCAGC
AGGCGTGATCCCAGGAAGAGCCAGGACAGCAGGAAGCCCTGCAGAAAAAGAGGAAGCGCTCCCCAAGA
GCGGGCTCGGCCCGCGACCTGGCCCTCTCGGCCGAACGCGTGTGGCTGGACAAGTCACT
TTTCGACCAGGCAGAGAGCTCTACCGCCAGAAGCTGGCAGATGTGGCTGCCAGGCAGCCTGGCCTCT
GCCTTGGCCCTTGGGGTCTCTGCACCCATGGAACCAGGTGGCCTGCCACCACGTGACCTGGGGATCT
GGGTCAACAAGTCTCTTCGACCAGGCTGAGCGGGCCTTCGTGGAGTGGTCTCAGGCCCTGTTGCTGGC
CCCCGAGGGCAGCCGAGGCAGGGGACTCCCAACACAGGCCAGCAGGTGGCCGTCGCCGACCTGGCCAC
CAGCCCAGCCCACCGGTCAATGGCCAGCCCCGCTGGGCAGCCTGCAGGCACTGGTTCGGGAGGTGTGGC
TGGAGAAGCCCCGTATGATGCAGCCGAGAGGGGCTTCTACGAGGCCCTGTTTGACGGCCATCCCCAGG
GAAGGTGCGCCTGCAAGAGCGAGCCGGCCTGGCCGAGGGTGCCTGGCGGGGCCGAGAGACCGCGGGGC
CGCAACATCTTAGGGAACAAGCGGGCCGGCTGCGACGGGCCGATGGGGAGGCCCCCTCTGCCTTGCCT
ACTGTTACTTCTGCAGAAGGATGCAGAGGCCCTGGCTCAGCAAGCCTGCCTACGACAGCGCCGAGTG
CCGCCACCACGCTGCCGAGGCCCTGCGGGTGGCCTGGTGCCTCGAAGCTGCCTCCCTGTCTACCGACCC
GGTCTCGGTCTGGCCTGTCCGTGTCCAGCCTGAGACCCAACAGAAAAATGGCTACAAATTCCTAGCAC
ATGAGAAGATCTGGTTCGACAAGTTCAAATATGACGACGCAGAAAGGAGATTCTACGAGCAGATGAACGG
GCCTGTGGCAGGTGCCTCCGCCAGGAGAACGGCCAGCGTGATCCTCCGTGACATTGCGAGGCCAGA
GAGAATCCAGAAATCCCTGGCTGGAAGCTCAGGCCCGGGGCCCTCCAGCGCACCAAGGAGACCAGC
GTGAGCTCGTCCGGATTGCCAGTCTGGAAGTGGAGAACCAGAGTCTGCGTGGCGTGGTACAGAGACT
GCAGCAGGCCATCTCAAGCTGGAGGCCGGCTGAACGTGCTGGAGAAGAGCTCGCTGGCCACCGGGCC
ACGGCCCCACAGACCAGCACGTATCTCCATGCGCCAAGTGGAGCCCCAGCCAAGAAGCCAGCCACAC
CAGCAGAGGATGACGAGGATGATGACATTGACCTGTTTGGCAGTGACAATGAGGAGGAGGACAAGGAGGC
GGCACAGCTGCGGGAGGAGCGGCTACGGCAGTACGCGGAGAAGAAGGCCAAGAAGCCTGCACTGGTGGCC
AAGTCTCCATCCTGCTGGATGTCAAGCCTTGGGATGATGAGACGGACATGGCCAGCTGGAGGCCTGTG
TGCCTCTATCCAGCTGGACGGGCTGGTCTGGGGGCTTCCAAGCTGGTGCCTGGGCTACGGTATCCG
GAAGCTACAGATTCAAGTGTGGTGGAGGACGACAAGTGGGGACAGACTTGCTGGAGGAGGAGATCACC
AAGTTTGGAGGACAGTGCAGAGTGTGCATATCGCAGCTTCAACAAGATCTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032378 unedited

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ACATTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCCGCGTCCGCCGA
TTCCTCTCTTGGTCGCCGCGTCTTGGCTGGCGTGAGGCCAAAGCAAATGAGGAGCG
GGAAGGCCCTCTGACCCCTGGAGACCGTGTGGGAAGACAAGCACAAGTATGAGGAGGCCG
AGCGGCGCTTCTACGAACACGAGGCCACACAGGCGGCCGCTCCGCCAGCAGCTGCCAG
CCGAGGGGCCAGCCATGAATGGGCCCGGCCAGGACGACCCTGAGGACGCTGATGAGGCGG
AAGCCCCGTGACGCGGACGACGAGCGTGATCCAGGAAGAGCCAGGACAGCAGGAAGCCCC
TGCAGAAAAAGAGGAAGCGCTCCCCAAGAGCGGGCTCGGCCCGCGGACCTGGCCCTCC
TGGCCTCTCGGCCGAACGCGTGTGGCTGGACAAGTCACTTTTCGACCAGGCAGAGAGCT
CCTACCGCCAGAAGCTGGCAGATGTGGCTGCCAGGCAGCCTGGCCTCTGCCTTGGCC
CTTGGGGTCTCTGCACCCATGGAACCAGGTGGCCTGCCACCACGTGACCTGNNGGATCT
GGGTCAACAAGTCTCTTCGACCAGGCTGAGCGGGCCTTCGTGGAGTGGTCTCAGGCC
TGTTGCTGGCCCCGNAGGCAGCCGAGGCAGGGGACTCCCAACACAGGCCAGCAGGTGG
CCGTCCCCGACCTGGCCACCAGCCAGCCACCGGTCAATGGCCAGCCCCGCTGGGCA
GCCTGCAGGCACTGGTTCGGNGAGTGTGGCTGGNAGAGCCCCGTATGATGCAGCCGAGA
GGGCTTCTACGAGCCCTGTTTACGCCATCCCCAGGGAAGGTGCGCTGCANAACGAGCCC
GCCTGCCGAGTCCCCCGGGGCCAANACCGCGNCCGCACATCTAGGAACAAGCGGGC
GCT
    
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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]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 3 both encode the same isoform (1, also known as L).