

Product datasheet for **SC200298**

EEF1D (NM_001130054) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EEF1D (NM_001130054) Human 3' UTR Clone
Symbol:	EEF1D
Synonyms:	antigen NY-CO-4; EF-1D; EF1D; eukaryotic translation elongation factor 1 delta; eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein); FLJ20897; FP1047; guanine nucleotide exchange protein
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130054
Insert Size:	105 bp
Insert Sequence:	<p>>SC200298 3'UTR clone of NM_001130054</p> <p>The sequence shown below is from the reference sequence of NM_001130054. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTCGATATCGCAGCTTTCAACAAGATCTGAAGCCTGAGTGTGTACGTGCGCGCTGCGTGAGGCCCT GCCACGATTAAAGACTGAGACCGGCAAAAAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001130054.1</u>


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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]
Locus ID:	1936
MW:	3.8