

Product datasheet for SC302922

EEF1B2 (NM_001037663) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EEF1B2 (NM_001037663) Human Untagged Clone
Tag:	Tag Free
Symbol:	EEF1B2
Synonyms:	EEF1B; EEF1B1; EF1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302922 representing NM_001037663. Blue=Insert sequence Red=Cloning site Green=Tag(s)

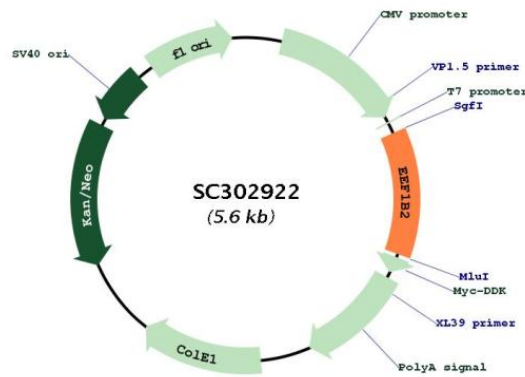
```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTTTCGGAGACCTGAAAAGCCCTGCCGGCTCCAGGTGCTCAACGATTACCTGGCGGACAAGAGC
TACATCGAGGGGTATGTGCCATCACAAGCAGATGTGGCAGTATTTGAAGCCGTGTCCAGCCCACCGCCT
GCCGACTTGTGCATGCCCTACGTTGGTATAATCACATCAAGTCTTACGAAAAGGAAAAGGCCAGCCTG
CCAGGAGTGAAGAAAGCTTTGGGCAATATGGTCCTGCCGATGTGGAAGACTACAGGAAGTGGAGCT
ACAGATAGTAAAGATGATGATGACATTGACCTCTTTGGATCTGATGATGAGGAGGAAAGTGAAGAAGCA
AAGAGGCTAAGGGAAGAAGCTTTGCACAATATGAATCAAAGAAAGCCAAAAACCTGCACTTGTGGCC
AAGTCTTCCATCTTACTAGATGTGAAACCTTGGGATGATGAGACAGATATGGCGAAATTAGAGGAGTGC
GTCAGAAGCATTCAAGCAGACGGCTTAGTCTGGGGCTCATCTAAACTAGTTCCAGTGGGATACGGAATT
AAGAACTTCAAATACAGTGTGTAGTTGAAGATGATAAAGTTGGAACAGATATGCTGGAGGAGCAGATC
ACTGCTTTTGGAGACTATGTGCAGTCCATGGATGTGGCTGCTTTCAACAAGATCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001037663

Insert Size: 678 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001037663.1](#)

RefSeq Size: 900 bp

RefSeq ORF: 678 bp

Locus ID: 1933

UniProt ID: [P24534](#)

Cytogenetics: 2q33.3

MW: 24.8 kDa

Gene Summary: This gene encodes a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. Alternative splicing results in three transcript variants which differ only in the 5' UTR. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (3) has a distinct 5' UTR compared to variants 1 and 2. Variants 1, 2 and 3 encode the same protein.