

## Product datasheet for SC202615

### EED (NM\_003797) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	EED (NM_003797) Human 3' UTR Clone
Symbol:	EED
Synonyms:	COGIS; HEED; WAIT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003797
Insert Size:	315 bp
Insert Sequence:	<p>&gt;SC202615 3'UTR clone of NM_003797</p> <p>The sequence shown below is from the reference sequence of NM_003797. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGTATTTGGCGCTGGGATCGACTTCGATAAAATACTTTTGCCTAATCAAATTAGAGTGTGTTTGTGTG
CTGTGTAAATAGAATTAATGTATCTTGCTAGTAAGGGCACGTAGAGCATTAGAGTTGTCTTCAGCA
TTCAATCAGGCTGAGCTGAATGTAGTGATGTTTACATTGTTTACATTCTTGTACTGTCTTCCTGCTCA
GACTCTACTGCTTTTAATAAAAAATTTATTTTGTAAAGCTGTGTGTTAGTTACTTTCATTGTGGTGAA
AAAAAGTTAAAGTAATAAAATTATGCCTTATCTTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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_003797.5</u>


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**Summary:**

This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein interacts with enhancer of zeste 2, the cytoplasmic tail of integrin beta7, immunodeficiency virus type 1 (HIV-1) MA protein, and histone deacetylase proteins. This protein mediates repression of gene activity through histone deacetylation, and may act as a specific regulator of integrin function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

8726

**MW:**

12.1