

## Product datasheet for **SC331814**

### EIF1AD (NM\_001242483) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** EIF1AD (NM\_001242483) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** EIF1AD  
**Synonyms:** haponin; OBELIX  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331814 representing NM\_001242483.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGTCTCAGGCCACCAAGAGGAAGCATGTGGTGAAGGAGGTGCTAGGGGAGCACATAGTGCCCTCCGAC
CAGCAGCAGATTGTCAGGGTACTCAGGACCCAGGGAACAATCTGCATGAGGTGGAGACAGCCCAAGGG
CAGCGCTTCTGGTGAGCATGCCCTCCAAATACCGCAAGAACATCTGGATCAAGAGAGGGGACTTTCTC
ATTGTTGACCCATTGAAGAGGGAGAAAAGGTGAAGGCTGAAATCTCGTTTGTGCTCTGCAAGGACCAC
GTGCGCTCTCTGCAGAAGGAGGGTTTTGGCCTGAGGCCTTCTCTGAAGTGGCTGAGAAACACAACAAC
AGGAACAGACAACTCAACCAGAACTCCCAGCTGAGCCACAGTTATCAGGAGAGGAGTCCAGCTCAGAA
GATGATTCTGACCTGTTTGTAAACACAAACCGCAGACAGTATCATGAGAGTGAGGAGGAGAGTGAAGAG
GAGGAGGCAGCCTGA
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001242483  
**Insert Size:** 498 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).  
**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).



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**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\\_001242483.1](#)

**RefSeq Size:** 2826 bp

**RefSeq ORF:** 498 bp

**Locus ID:** 84285

**UniProt ID:** [Q8N9N8](#)

**Cytogenetics:** 11q13.1

**MW:** 19.1 kDa

**Gene Summary:** Plays a role into cellular response to oxidative stress. Decreases cell proliferation.  
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (4) uses an alternate splice site in the 5' UTR, compared to variant 1, but encodes the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.