

## Product datasheet for **RG233338**

### EIF1AD (NM\_001242483) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** EIF1AD (NM\_001242483) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** EIF1AD  
**Synonyms:** haponin; OBELIX  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG233338 representing NM\_001242483  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCTCAGGCCACCAAGAGGAAGCATGTGGTGAAGGAGGTGCTAGGGGAGCACATAGTGCCTCCGACC  
AGCAGCAGATTGTCAGGGTACTCAGGACCCAGGGAACAATCTGCATGAGGTGGAGACAGCCCAAGGGCA  
GCGCTTCTGGTGAAGGAGGAGAAAAGGTGAAGGCTGAAATCTCGTTTGTGCTCTGCAAGGACCACGTGC  
GCTCTCTGCAGAAGGAGGGTTTTGGCCTGAGGCTTCTCTGAAGTGGCTGAGAAACACAACAACAGGAA  
CAGACAACTCAACCAGAACTCCAGCTGAGCCACAGTTATCAGGAGAGGAGTCCAGCTCAGAAGATGAT  
TCTGACCTGTTTGTAAACACAAACCGCAGACAGTATCATGAGAGTGAGGAGGAGAGTGAAGAGGAGGAGG  
CAGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG233338 representing NM\_001242483  
Red=Cloning site Green=Tags(s)  
MSQATKRKHVVKEVLGEHIVPSDQQQIVRVLRTPGNNLHEVETAQQQRFLVSMPSKYRKNIWIKRGDFLI  
VDPIEEGEKVKAEIFVLCKDHVRSQKEGFWPEAFSEVAEKHNNRNRQTQPELPAEPQLSGEESSEDD  
SDLFVNTNRRQYHESEEEEEEEAA

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001242483.2</a></u>
<b>RefSeq Size:</b>	2826 bp
<b>RefSeq ORF:</b>	498 bp
<b>Locus ID:</b>	84285
<b>UniProt ID:</b>	<u><a href="#">Q8N9N8</a></u>
<b>Cytogenetics:</b>	11q13.1
<b>Gene Summary:</b>	Plays a role into cellular response to oxidative stress. Decreases cell proliferation. [UniProtKB/Swiss-Prot Function]