

Product datasheet for **MG215955**

Eif1 (NM_011508) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eif1 (NM_011508) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Eif1
Synonyms: Sui1-rs1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG215955 representing NM_011508
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCGCTATCCAGAACCTCCACTCTTTGACCCCTTTGCTGATGCAAGTAAGGGTGATGACCTGCTTC
CTGCTGGCACTGAGGATTATCCATATAAGAATCAACAGAGAAACGGCAGGAAGACCCTTACCACTGT
CCAAGGGATCGCTGATGATTACGATAAAAAGAACTAGTGAAGGCGTTAAGAAGAAATTTGCCTGCAAT
GGTACTGTAATTGAGCATCCAGAATATGGAGAAGTAATTCAGCTACAGGGTGACCAGCGCAAGAACATAT
GCCAGTTCCTGATAGAGATTGGGCTGGCTAAGGACGATCAGCTGAAGGTTTCATGGGTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215955 representing NM_011508
Red=Cloning site Green=Tags(s)

MSAIQNLHSFDPFADASKGDDLLPAGTEDYIHIRIQQRNGRKTLLTVQGIADDYDKKKLVKAFKKKFKACN
GTVIEHPEYGEVIQLQGDQRKNICQFLIEIGLAKDDQLKVHGF

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_011508.2
RefSeq Size:	1242 bp
RefSeq ORF:	342 bp
Locus ID:	20918
UniProt ID:	P48024
Cytogenetics:	11 D
Gene Summary:	Necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA (By similarity).[UniProtKB/Swiss-Prot Function]