

## Product datasheet for **RG210318**

### IER5 (NM\_016545) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IER5 (NM_016545) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IER5
Synonyms:	SBBI48
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG210318 representing NM_016545 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGTTCAAGCTGGAGGCTCATCGCATCGTCAGCATCTCTCTGGGCAAGATCTACAACCTCGGGGTCC  
AGCGGGCGGCATCAAGCTGCATAAGAACCTCCTGGTCTCGTGGTGCTGCGCAGCGCCCGCAAGTCTA  
CCTGAGCGACCCGTGCCCGGCTCTACCTGGCCGGTCCCGTGGGACCCCGGCCCGCCACCGCAGCAG  
CAGCCCGGGAGCCGGCGCCGGCCACCCCGCGCTGGGAGAGCCGCCCGCCCGCCGCTCATGCCT  
CTTGGCCGGAGACCGAGCCGAGCCGGAGCGCTCCTCCGTCTCAGACGCGCCGGGTAGGGGACGAGGT  
GCCGGTGGCCACGGTACTGGAGTCGGGGACGTTTTTCAGGGCGGAGAGCGGACGCGACGGAAGCTGCC  
TGGAGCCGCTGGAGGGGCCGCGCCAGGCGCGGCCAGAGAAGCCGAGGGTACCGCCGGAGGCTGGGGCG  
TCTTCCCCGAGGTATCTCGTGCCGCGCGCCGCCCTGCGGCTGCCCCCTAGGCGGGGAGGACCCCGCGG  
TACACCGCCCGGACCCCGGCGCTGCCTGCTGCTGCGCGCCGCGACCAGCGGAGGACGAGCCCCCGCG  
CCGCCCGCGGTGTGCCCCAGGAAGCGCTGCGCGCGGGGTGGGCGGGGCCAGCGGCTGCCCGGCGC  
CCGGCTCGACCCCGCTCAAGAAGCCCGCCGGAACCTTAGAGCAGCCCGGAGTGGAGGAGAGGACGACGA  
CGCGGAGGAGATGGAGACCGGAACTGGCTAACCTCATCAGCATCTTCGGTTCCAGTTTCTCGGGACTC  
CTACGGAAAAGCCCCGGGGCGGAGAGGAAGAGGAGGAGAGGAGCGGTCCGGAAGCCCGGAGC  
CCGGGCAGATCTGCTGCGATAAGCCGGTCTGAGAGACATGAACCCCTGGAGCACAGCCATCGTGGCCCT  
C

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)



**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\\_016545.3](#), [NP\\_057629.1](#)

**RefSeq Size:** 2369 bp

**RefSeq ORF:** 984 bp

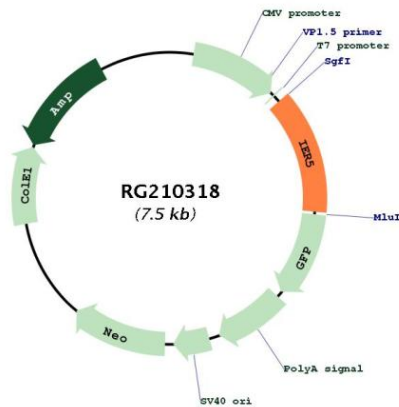
**Locus ID:** 51278

**UniProt ID:** [Q5VY09](#)

**Cytogenetics:** 1q25.3

**Gene Summary:** This gene encodes a protein that is similar to other immediate early response proteins. In the mouse, a similar gene may play an important role in mediating the cellular response to mitogenic signals. Studies in rats found the expression of a similar gene to be increased after waking and sleep deprivation. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RG210318