

Product datasheet for **MG225810**

II19 (NM_001009940) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: II19 (NM_001009940) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: II19
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG225810 representing NM_001009940
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGACACAGTGC GCGTCTACCTGGCTCCTGGGCATGACGTTGATTCTCTGCTCAGTTCATATCTACA
GTCTTAGGAGATGTCTGATTTCTGTGGACATGCGCCTCATAGAAAAGAGTTCCACGAGATCAAGAGAGC
CATGCAAATAAGGACACCTTTAAAAATGTCACCATCCTGTCCCTGGAGAACCTCAGGAGCATTAAAGCCT
GGAGATGTGTGCTGCATGACCAACAACCTGCTGACATTCTACAGAGACAGGGTGTCCAGGACCATCAGG
AGAGAAGCCTTGAGGTCTTAAGGAGAATCAGCAGCATTGCCAATCTTTCTCTGCGTGCAGAAATCTCT
GGAGCGATGTGAGGTGCACAGACAATGTAAGTGCAGTGCAGGAAGCCACCAATGCAACTAGGATCATCCAT
GACAACTACAATCAGCTGGAGGTCTCATCTGCTGCCCTTAAGTCTCTAGGAGAACTGAACATACTTTTAG
CCTGGATTGACAGGAATCATCTGAAACTCCTGCAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG225810 representing NM_001009940
Red=Cloning site Green=Tags(s)
MKTQCASTWLLGMLILCSVHIYSLRRLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKP
GDVCCMTNLLTFYRDRVFQDHQERSLEVLRRISSIANSFLCVQKSLERCQVHRQCNCSEQEATNATRIIH
DNYNQLEVSSAALKSLGELNILLAWIDRNHLETPAA

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<u>NM_001009940.2</u>
RefSeq Size:	1066 bp
RefSeq ORF:	531 bp
Locus ID:	329244
UniProt ID:	<u>Q8CJ70</u>
Cytogenetics:	1 E4
Gene Summary:	May play some important roles in inflammatory responses. Up-regulates IL-6 and TNF-alpha and induces apoptosis.[UniProtKB/Swiss-Prot Function]