

Product datasheet for **MG224044**

II25 (NM_080729) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: II25 (NM_080729) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: II25
Synonyms: IL-17e; II17e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG224044 representing NM_080729
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACCAGGCTGTTGCATTCTTGGCAATGATCGTGGGAACCCACACCGTCAGCTTGGGATCCAGGAGG
GCTGCAGTCACTTGCCAGCTGCTGCCCCAGCAAAGAGCAAGAACCCCGGAGGAGTGGCTGAAGTGGAG
CTCTGCATCTGTGTCCCCCAGAGCCTCTGAGCCACACCCACCACGCAGAAATCCTGCAGGGCCAGCAAG
GATGGCCCCCTCAACAGCAGGGCCATCTCTCTGGAGCTATGAGTTGGACAGGGACTTGAATCGGGTCC
CCCAGGACCTGTACCACGCTCGATGCCTGTGCCACACTGCGTCAGCCTACAGACAGGCTCCACATGGA
CCCGCTGGGCAACTCCGTCCTTTACCACAACCCAGACGGTCTTCTACCGCGGCCATGCCATGGCGAG
GAAGGTACCCATCGCCGCTACTGCTTGGAGCGCAGGCTCTACCGAGTCTCCTTGGCTTGTGTGTGTGTC
GGCCCCGGGTCATGGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG224044 representing NM_080729
Red=Cloning site Green=Tags(s)

MYQAVAFAMIVGTHTVSLRIQEGCSHLPSCCPSKEQEPPEEWLKWSSASVSPPEPLSHTHHAESCRAK
DGPLNSRAISPWSYELDRDLNRVPQDLYHARCLCPHCVSLQTGSHMDPLGNSVPLYHNQTVFYRRPCHGE
EGTHRRYCLERRLYRVS LACVCRPRVMA

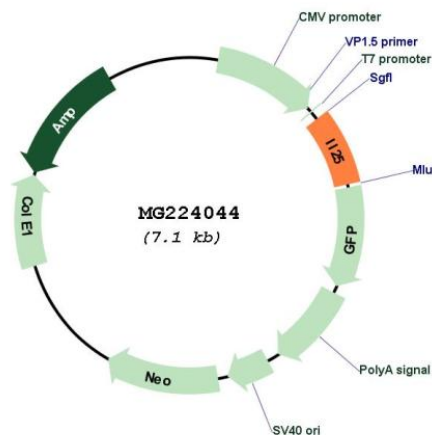
TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_080729

ORF Size: 507 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<u>NM_080729.3</u> , <u>NP_542767.1</u>
RefSeq Size:	1064 bp
RefSeq ORF:	510 bp
Locus ID:	140806
Cytogenetics:	14 C2