

Product datasheet for **MG214645**

Smim10II (NM_001163445) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: Smim10II
Synonyms: 2700089E24Rik; A1662692
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG214645 representing NM_001163445
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGTCCC GCCGACGCCCCGTCGCCCTAGCGCTCAGGGCAGTGGGCCCTGCGGCCGCCACCCCGTATG
GTGCTTCTGCAAGGGGCTGTCCCGCACCTGCTCGCCTTCTCGAGCTGGCCTGGCAGCTGCGCATGAA
CTTCCCGTACTTCTACATCGCGGGCTCCGTGATCCTCAACATCCGCCTGCAGGTACACATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG214645 representing NM_001163445
Red=Cloning site Green=Tags(s)

MGPADAPSALALRAVGPAATPYGVFCKGLSRTLLAFFELAWQLRMNFPYFYIAGSVILNIRLQVHI

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001163445.2](#), [NP_001156917.1](#)

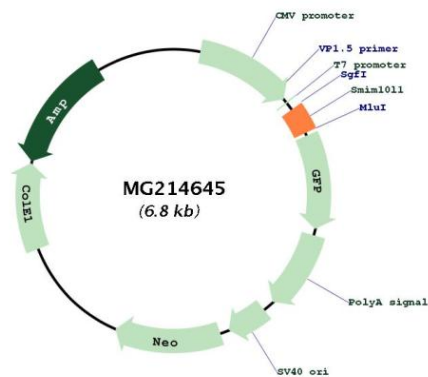
RefSeq Size: 2509 bp

RefSeq ORF: 204 bp

Locus ID: 381820

Cytogenetics: 6 G1

Product images:



Circular map for MG214645